

Performance of Commercial Corn Hybrids in Illinois

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*University of Illinois at Urbana-Champaign
College of Agriculture
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CONTENTS

TEST PROGRAM	4
PERFORMANCE DATA	4
SUGGESTIONS FOR COMPARING HYBRIDS	4
1987 GROWING CONDITIONS	5
1987 TEST FIELDS	5
SOURCES OF SEED	7
RESULTS OF VARIETY TESTS	
Woodstock	9
DeKalb	12
Elwood	16
Monmouth	19
Kilbourne (Irrigated)	25
Urbana	27
Perry	33
Brownstown	36
Carbondale	39
Dixon Springs	41

This circular was prepared by G.L. Ross, Agronomist; K.A. Kelley and R.W. Esgar, Assistant Agronomists; S.G. Carmer, Professor of Biometry; and E.D. Nafziger, Associate Professor of Agronomy Extension.

PERFORMANCE OF COMMERCIAL CORN HYBRIDS IN ILLINOIS, 1987

(With 1986 and 1985 Results)

TEST PROGRAM

Selection of entries. Each year, producers of hybrid seed corn in Illinois and surrounding states are invited to enter hybrids in the Illinois performance trials. This testing program is financed by a fee of \$50 for each hybrid entered at a location (\$65 for irrigated trials). Most of these hybrids are commercially available, although a few experimental hybrids are also entered.

Number and location of tests. In 1987, 12 major tests were conducted at 10 locations in the state (see the map on page 5). These sites represent major soil and climatic areas of the state.

Hybrids. There were 685 hybrids from 90 companies tested in 1987.

Field-plot design. Three replications of Alpha, randomized complete block or lattice design, were used to give each entry an equal chance to show its merits.

Planting methods. All trials were planted by machine. All test fields except those at Elwood, Monmouth, Perry, Kilbourne, and Urbana were part of larger cornfields, and thus were bordered by other corn. Each hybrid plot was overplanted 30 percent and later thinned to desired stands. Each plot was four rows wide and 25 feet long. The center two rows of each plot were harvested to determine yields.

Fertilization. All test fields were at a high level of fertility. Additional fertilizer was plowed down or sidedressed as needed to ensure top yields.

Method of harvest. All plots were harvested with a custom-built, self-propelled, corn plot combine. Shelled corn from each plot was collected, weighed, and tested for moisture content. No allowance was made for corn that might have been lost in harvest.

PERFORMANCE DATA

Grain yield. Shelled-corn weight and moisture percentage were measured for each plot of a hybrid and converted to bushels per acre of No. 2 shelled corn (15.5 percent moisture). An electronic moisture monitor was used in the combine for all moisture readings.

Moisture content. Occasionally, hybrids too late in maturity for a given area are entered in these tests. These hybrids are often high in yield, but their moisture content may make them poor choices for farm use unless proper drying or storage facilities are available.

Erect plants. The number of erect plants in each plot of a hybrid was determined at harvest time. Any plant leaning at an angle of more than 45 degrees or broken below the ear was considered lodged. Plants broken above the ear were considered erect.

Population. In late June, plants in all plots on all fields were counted and populations computed. Plots with over 100 percent of the desired population were thinned at that time. Stand differences may be caused by failure to germinate or by damage from diseases, insects, cultivation, or rodents.

SUGGESTIONS FOR COMPARING HYBRIDS

It is impossible to measure performance exactly in any test of plant material. Harvesting efficiency may vary, soils may not be uniform, and many other conditions may produce variability. Results of repeated tests, like those reported here, are more reliable than those of a single-year or a single-strip test. When one hybrid consistently outyields another at several test locations and over several years of testing, the chances are good that this difference is real and should be a consideration in choosing a hybrid. When comparing yields, however, grain moisture content, percentage of erect plants, and plant population must also be considered.

A number of statistical tests are available for comparing hybrids within a single trial. One of these tests, the least significant difference (L.S.D.), when used in the manner suggested by Carmer and Swanson,¹ is quite simple to apply and is more appropriate than most other tests. When two hybrids are compared and the difference between them is greater than the tabulated L.S.D. value, the hybrids are judged "significantly different."

When the observed mean of hybrid A is larger than that of hybrid B and the difference between them is found to be significant, one of three possibilities has occurred: (1) the mean of hybrid A really is larger than that of hybrid B, and a correct decision has been made; (2) the means of hybrids A and B are really equal, and a Type I statistical error has been made (that is, the means were declared to be unequal when they were actually equal); or (3) the mean of hybrid B is really larger than that of hybrid A, and a reverse decision or Type III statistical error has been made (that is, the mean of A was declared to be greater than that of B, when the reverse is true).

When no significant difference is found between two hybrids, one of two possibilities has occurred: (1) the means are really equal, and a correct decision has been made; or (2) the means are really different, and a Type II statistical error has been made (that is, the means were declared to be equal when they really are different). In a study of the frequencies of occurrence of these three types of statistical errors and their relative seriousness, Carmer² found strong arguments for an optimal significance level in the range $\alpha = 0.20$ to 0.40 , where

¹ Carmer, S. G. and M. R. Swanson. "An Evaluation of Ten Pairwise Multiple Comparison Procedures by Monte Carlo Methods." *Journal of American Statistical Association* 68:66-74, 1973.

² Carmer, S. G. "Optimal Significance Levels for Application of the Least Significant Difference in Crop Performance Trials." *Crop Science* 16:95-99, 1976.

α is the Type I statistical error rate for comparisons between means that are really equal. Herein, values of $\alpha = 0.10$ and 0.30 are used in computing the L.S.D. 10- and 30-percent levels shown in the tables. L.S.D. 10 and L.S.D. 30 are not calculated when the overall F test of differences among entries is not significant at the 5 percent level.

To make the best use of the information presented in this circular and to avoid any misunderstanding or misrepresentation of it, the reader should consider an additional caution about comparing hybrids. Readers who compare hybrids in different trials should be extremely careful, because no statistical tests are presented for that purpose. Readers should note that the difference between a single hybrid's performance at one location and its performance at another is caused primarily by environmental effects and random variability. Furthermore, the difference between the performance of hybrid A in one trial and that of hybrid B in another is the result not only of environmental effects and random variability, but of genetic effects as well.

1987 GROWING CONDITIONS

Warm, dry conditions during late April helped to get the 1987 growing season off to a good start, and a significant portion of the corn crop was planted early. Near-perfect conditions prevailed for early summer, and near-drought conditions for late summer.

High temperatures during September dried down corn in the field, and harvest was begun early. Overall, the 1987 corn crop was below normal and harvested without weather problems.

1987 TEST FIELDS

Woodstock

Location: Northeastern Illinois (cool, humid).
Soil type: Proctor silt loam (fertile, deep, well-drained, dark prairie).
Planting date: May 8.
Cooperators: Hughes Farms and Seed Company; Robert Hughes and Earl Hughes, Jr.

DeKalb

Location: University of Illinois, Northern Illinois Research Center, southwest of DeKalb.
Soil type: Flanagan silt loam (dark brown, adequately drained, highly fertile).
Planting date: May 7.
Cooperators: Lyle Paul, research director; David Lindgren, farm foreman.

Elwood

Location: Northeastern Illinois Agronomy Center, Will County.
Soil type: Elliott silt loam.
Planting date: May 6.
Cooperators: Lyle Paul, research director; Dale Harshbarger, farm foreman.



Monmouth

Location: University of Illinois, Northwestern Illinois Agricultural Research and Demonstration Center.
Soil type: Muscatine silt loam.
Planting date: April 27.
Cooperators: Mike Mainz, research director; Jay Sutor, farm foreman.

Kilbourne (Irrigated)

Location: University of Illinois, Illinois River Valley Sand Field, 10 miles west of Kilbourne, Mason County, central Illinois.
Soil type: Plainfield sand.
Planting date: May 4.
Cooperator: Stan Sipp, research director.
Irrigation: Applied as supplement to rainfall when needed to maintain a total water supply of 1 inch every 4 days. Also supplied 100 pounds of nitrogen in 4 applications throughout the growing season.

Urbana

Location: University of Illinois Agronomy South Farm, Champaign County, east central Illinois.
Soil type: Drummer silt loam.
Planting date: May 5.
Cooperators: Gene Oldham, superintendent; Mike Plotner, farm foreman.

Perry

Location: Orr Research Center, Pike County, south central Illinois.

Soil type: Muscatine silt loam (moderately poorly drained).
 Planting date: April 28.
 Cooperators: Glenn Raines, research director; Mike Vose, farm foreman.

Brownstown

Location: University of Illinois, Brownstown Experimental Field, Fayette County, south central Illinois.
 Soil type: Cisne silt loam (poorly drained, gray prairie with a well-developed claypan).
 Planting date: May 1.
 Cooperators: Bill Brink, research director; Jim Carter, farm foreman.

Carbondale Upland

Location: Southern Illinois University Agronomy Research Center, extreme southern Illinois.
 Soil type: Weir silt loam (shallow, silty loam over claypan).
 Planting date: April 29.
 Cooperators: George Kapusta, superintendent; Jim Hubbard, field manager.

Dixon Springs Bottomland

Location: University of Illinois Dixon Springs Agricultural Center, Pope County, extreme southern Illinois.
 Soil type: Sharon silt loam (light-colored, moderately well drained, medium-textured bottomlands).
 Planting date: April 30.
 Cooperators: Steve Ebelhar, research director; Victor Watson, foreman.

GROWING SEASON RAINFALL, 1987

Location	May	June	July	Aug.	Sept.
Woodstock	2.30	2.41	3.18	9.98	78
DeKalb	4.69	2.81	4.88	15.38	1.33
Elwood	3.94	3.61	5.03	6.52	1.67
Monmouth	1.36	2.10	0.87	7.26	3.57
Kilbourne	1.06	4.02	1.36	2.67	0.98
(By irrigation)	2.93	4.97	2.55	4.25	2.55
Urbana	3.15	1.59	7.92	4.79	2.04
Perry	2.38	2.55	2.99	4.01	1.99
Brownstown	1.97	2.13	5.35	1.98	2.32
Carbondale	0.93	6.84	3.91	3.88	1.90
Dixon Springs	3.05	5.62	4.43	2.65	2.16

SUMMARY OF ILLINOIS HYBRID CORN TESTS, 1987

Field, county, location, and number of entries	Date planted	Date harvested	Average yield (bu/A)	Grain moisture (%)	Erect plants (%)	Average population (plants/A)
30-inch rows, 22,000 plants per acre						
Brownstown: Fayette, S, 155	May 1	Sept. 8	97	19.8	99	21,538
Carbondale: Jackson, EX. S, 90	April 29	Sept. 9	83	17.7	98	21,654
30-inch rows, 24,000 plants per acre						
Woodstock: McHenry, EX. N, 160	May 8	Oct. 5	124	23.4	99	23,715
DeKalb: DeKalb, N, 235	May 7	Oct. 7	137	19.1	96	23,739
Elwood: Will, ENC, 200	May 6	Oct. 8, 9	146	19.1	99	23,816
Monmouth: Warren, WNC, 240	April 27	Sept. 22, 23	141	20.5	86	23,714
Urbana: Champaign, EC, 370	May 5	Sept. 14, 15	142	23.1	100	23,826
Perry: Pike, WSC, 155	April 28	Sept. 21	100	18.4	100	23,776
Dixon Springs: Pope, EX. S, 50	April 30	Sept. 10	136	21.7	96	23,429
30-inch rows, 28,000 plants per acre						
Kilbourne: Mason, C, 105	May 4	Sept. 18	147	18.9	100	27,561
Dixon Springs: Pope, EX. S, 55	April 30	Sept. 10	141	21.0	95	26,628

SOURCES OF SEED

- Adler's Hybrids, Adler's Seeds, Inc., R.R. 1, P.O. Box 403, Sharpsville, IN 46068
- Agra-Tech Hybrids, Agratech Seeds, Inc., P.O. Box 2210, Atlanta, GA 30301
- Agrigene Hybrids, Agrigene Seed Co., 303 East Street, Lynnville, IA 50153
- Agri-Gold Hybrids, Akin Seed Co., R.R. #1, St. Francisville, IL 62460
- Agrinetics Hybrids, Agrinetics, Inc., 1020 E. Ogden Ave., Box 151, Naperville, IL 60566
- Agripro Hybrids, Agripro, P.O. Box 2955, Mission, KS 66201
- Ainsworth Hybrids, Ainsworth Seed Co., R.R. 1, P.O. Box 153, Mason City, IL 62664
- Americana Hybrids, Americana Seeds, Inc., Box 275, Bowen, IL 62316
- Asgrow, O's Gold Hybrids, Asgrow Seed Co., 7000 Portage Road, Kalamazoo, MI 49001
- Beck's Superior Hybrids, Beck's Hybrids, Rt. 2, Box 142, Atlanta, IN 46031
- Betagold Hybrids, Betaseed, Inc., P.O. Box 195, Shakopee, MN 55379
- Bo-Jac Hybrids, Bo-Jac Hybrid Corn Co., R.R. 2, Box 11, Mount Pulaski, IL 62548
- Burrus Hybrids, Burrus Bros. & Assoc. Growers, R.R. 1, Box 22, Arrenzville, IL 62611
- CFS Hybrids, Custom Farm Seed, P.O. Box 160, Momence, IL 60954
- Callahan Hybrids, Callahan Seeds, Inc., 1122 E. 169th St., Westfield, IN 46074
- Cargill Hybrids, Cargill, Inc., P.O. Box 5645, Minneapolis, MN 55440
- Challenger Hybrids, Challenger Seed L.T.D., 417 Main, P.O. Box 747, Cedar Falls, IA 50613
- Coker Hybrids, Coker's Pedigreed Seed Co., P.O. Box 340, Hartsville, SC 29550
- Coker Hybrids, Rohm & Haas Seeds, Inc., P.O. Box 507, Lebanon, IN 46052
- Cornelius Hybrids, Cornelius Seed Corn Co., R.R. 1, Bellevue, IA 52031
- Crow's Hybrids, Crow's Hybrid Corn Co., Box 306, Milford, IL 60953
- Dairyland Hybrids, Dairyland Seed Co., Inc., P.O. Box 958, West Bend, WI 53095
- Dale Robinson, Dale Robinson, Inc., 4 Foxhill Rd., Monticello, IL 61856
- DeKalb Hybrids, DeKalb-Pfizer Genetics, 3100 Sycamore Road, DeKalb, IL 60115
- Dockendorff Hybrids, Querna Seed Co., Inc., R.R. 2, Danville, IA 52623
- Duesterhaus Hybrids, Duesterhaus Fertilizer, Box 248, Quincy, IL 62301
- EK Premium Hybrids, EK Premium, R.R. 1, Berwick, IL 61417
- Exseed Hybrids, Exseed, Inc., P.O. Box 272, Bristol, IL 60512
- Federal Hybrids, Federal Hybrids, 5420 35th Ave., Marion, IA 52302
- Frey Hybrids, Frey Hybrid Corn Co., Inc., P.O. Box 116, Gilman, IL 60938
- Funk's Hybrids, Funk Seeds International, 1300 W. Washington St., Bloomington, IL 61701
- Garst Hybrids, Garst Seed Co., Box 300, Coon Rapids, IA 50058
- Golden Acres Hybrids, Taylor Evans Seed Co., Box 68, Tulia, TX 79088
- Golden Harvest Hybrids, Sommer Bros. Seed Co., Box 248, Pekin, IL 61554
- Golden Harvest Hybrids, Thorp Seed Co., Rt. 3, Box 257, Clinton, IL 61727
- Great Lakes Hybrids, Great Lakes Hybrids, Inc., Box 637, 9915 W. M-21, Ovid, MI 48866
- Griffith Pure Line Hybrids, Griffith Seed Co., Box 38, McNabb, IL 61335
- Growmark Hybrids, Growmark, Inc., 1701 Towanda Ave., Bloomington, IL 61702-2500
- Henkel Hybrids, Henkel Seeds, Inc., 107 Cedar Grove Rd., Mendota, IL 61342
- Hoblitt Hybrids, Hoblitt Seed Co., Box 487, Atlanta, IL 61723
- Hubner Hybrids, Hubner Seed Co., Inc., R.R. 1, West Lebanon, IN 47991
- Hughes Hybrids, Hughes Hybrids, Inc., 603 N. McKinstry Road, Woodstock, IL 60098
- Iowa-Missouri Hybrids, Iowa-Missouri Seed Corn Co., Inc., P.O. Box 481, Keosauqua, IA 52565
- Jacques Hybrids, Jacques Seed Co., 720 St. Croix, Prescott, WI 54021
- Jader Hybrids, Ridgway Seed Co., Box 212, Ridgway, IL 62979
- Jung Hybrids, Jung Farms, Inc., 335 S. High Street, Randolph, WI 53957
- Kaltenberg Hybrids, Kaltenberg Seed Farms, Inc., 5506 Highway 19, Rt. 2, Waunakee, WI 53597
- King Hybrids, King Grain, Inc., P.O. Box 1088, Chatham, Ont. N7M 5L6
- Leader Hybrids, Leader Seeds, Inc., 7160 S.R. 118, Celina, OH 45822
- Lewis Hybrids, Lewis Hybrids, Inc., Box 38, Ursa, IL 62376
- Lynks Hybrids, Lynks Seeds, P.O. Box 637, Marshalltown, IA 50158
- McAllister Hybrids, McAllister Seed Co., Inc., P.O. Box 28, Mt. Pleasant, IA 52641
- McCurdy Hybrids, McCurdy Seed Co., E. Main St., Fremont, IA 52561
- NC+ Hybrids, NC+ Hybrids, 3820 N. 56th St., Lincoln, NE 68504
- NobleBear Hybrids, NobleBear, Inc., P.O. Box 529, Gibson City, IL 60936
- Northrup-King Hybrids, Northrup-King Co., P.O. Box 959, Minneapolis, MN 55440
- P.A.G. Hybrids, P.A.G. Seeds/Cargill, Inc., P.O. Box 9480, Minneapolis, MN 55440
- Payco Hybrids, Payco Seeds, Inc., P.O. Box 70, Dassel, MN 55325
- Paymaster Hybrids, Paymaster Seeds, P.O. Box 9493, Minneapolis, MN 55440
- Pfister Hybrids, Pfister Hybrid Corn Co., P.O. Box 187, El Paso, IL 61738
- Pocklington Hybrids, Pocklington Seed Co., R.R. 2, Box 78, Girard, IL 62640
- Prairie Stream Hybrids, Prairie Stream Farms, Inc., R.R. 3, Box 333, Frankfort, IN 46041
- Pride Hybrids, Pride Co., Inc., P.O. Box 58, Glen Haven, WI 53810
- Princeton Hybrids, Princeton Farms, Box 319, Princeton, IN 47670
- Purple Ribbon Hybrids, Silver Lane Hybrids, Inc., R.R. 2, Box 31, Remington, IN 47977
- Renk Hybrids, Renk Seed Co., Inc., 6800 Wilburn Rd., Sun Prairie, WI 53590
- Riverside Hybrids, Lynnville Seed Co., Lynnville, IA 50153
- S Brand Hybrids, Schechinger Seed Co., R.R. 1, Harlan, IA 51537
- Seedex Hybrids, Seedex, Inc., 580 W. Conner St., P.O. Box 770, Noblesville, IN 46060
- Seedtec Hybrids, Seedtec International, Rt. 108W, Eldred, IL 62027
- Shissler GR-8 Hybrids, Shissler Seed Co., R.R. 3, Elmwood, IL 61529
- Sieben Hybrids, Sieben Hybrids, Inc., Highway 82N, Geneseo, IL 61254
- Solar Hybrids, Solar Seeds, Inc., Rt. 16, P.O. Box 436, Hardin, IL 62047
- Southern States Hybrids, Southern States Cooperative, Inc., P.O. Box 429, Muncie, IL 61857
- Specialty Grains Hybrids, Specialty Grains, Inc., 3001 Gill St., Bloomington, IL 61701
- Stauffer Hybrids, Stauffer Seeds, Inc., Box 377, Lonetree, IA 52755
- Stewart Hybrids, Stewart Hybrids, Inc., Rt. 1, Box 8, Princeville, IL 61559
- Stone Hybrids, Stone Seed Farms, Inc., Rt. 2, Pleasant Plains, IL 62677
- Sturdy Grow Hybrids, Sturdy Grow Hybrids, Inc., P.O. Box 194, Arcola, IL 61910
- Sun Prairie Hybrids, Champaign County Seed Co., Inc., Rt. 2, Box 2, St. Joseph, IL 61873
- Super-Crost Hybrids, Edward J. Funk & Sons, Inc., P.O. Box 67, Kentland, IN 47951
- Tabor Hybrids, Tabor Seed Division, 4246 W. Main St., Decatur, IL 62522
- Terra Hybrids, Terra International, Inc., P.O. Box 4500, Lima, OH 45805
- Terra Hybrids, Terra Seed Co., 600 4th St., Sioux City, IA 51101
- Thor-O-Bred Hybrids, Thor-O-Bred Seed Co., P.O. Box 1437, Champaign, IL 61820
- Tracy Hybrids, Tracy Seeds, Route 1, Box 232, Arena, WI 53503
- Trisler Hybrids, Trisler Seed Farms, Inc., R.R. 1, Box 153, Fairmount, IL 61841
- United Farmers Hybrids, United Farmers Seed Co., R.R. 1, Box 45, Blackstone, IL 61313
- Uphoff Hybrids, Uphoff Seeds, P.O. Box 647, Charleston, IL 61920
- Vineyard Hybrids, Vineyard Seed Co., Inc., Rt. 1, Box 147, Homer, IL 61849
- Voris Hybrids, Voris Seeds, Inc., P.O. Box 457, Windfall, IN 46076
- Watson Hybrids, Watson Seed Farms, R.R. 2, Macomb, IL 61455
- Whata Hybrids, Whata Hybrid, Inc., 8908 W. Sabin Church Rd., Pearl City, IL 61062
- Whisnand Hybrids, Whisnand Hybrids, R.R. 1, Box 48, Arcola, IL 61910
- Zimmerman Hybrids, Zimmerman Hybrids, Inc., 5147 W. Franklin Rd., Evansville, IN 47712

WOODSTOCK (24,000 PLANTS PER ACRE AND 30-INCH ROW SPACING)

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
AGRIGENE												
AG 4200.....	132	24.4	99	23969								
AG 5500.....	127	22.5	100	23998								
AGRINETICS												
8114.....	121	25.0	100	24000	125	28.7	100	22615				
8506.....	110	22.3	99	23997								
8511.....	119	24.3	100	23411								
8512.....	137	24.3	98	23425								
AGRIPRO												
644.....	124	22.2	100	23423								
680.....	134	24.3	100	23984	121	28.8	99	23538				
710A.....	120	25.4	99	24000								
AP 364.....	131	20.5	99	23991								
HP 470.....	120	24.8	100	24000								
AMERICANA												
2700.....	104	21.2	98	24000	125	26.7	100	22000				
3045.....	123	24.9	100	23984	106	29.8	100	23077				
C 611.....	121	25.2	99	23549								
C 631.....	129	21.3	99	23984								
ASGROW/O'S GOLD												
RX578.....	123	22.3	100	24000								
RX626.....	136	22.3	100	23594								
BETAGOLD												
HANNA.....	129	21.5	98	23989								
HEIDI.....	120	19.9	99	23987	137	26.3	100	22923				
CALLAHAN												
19029X.....	155	25.0	100	21732								
19101X.....	141	24.7	100	24000								
C747.....	134	21.8	100	24000	137	29.2	100	23692	150	20.9	98	24000
C754.....	141	23.8	100	23988	122	29.4	100	22615	144	21.1	98	23857
CARGILL												
130410.....	142	24.6	99	23968								
130411.....	112	21.5	100	23708								
3987.....	107	20.4	99	23997								
5157.....	111	22.7	100	23986								
6127.....	132	24.5	100	24000	115	28.6	100	23846				
859.....	130	19.9	98	24000	122	26.2	100	24000	132	18.3	100	24000
861.....	118	20.3	100	23968	124	26.2	100	24000	140	19.7	97	23143
SX 239.....	113	21.5	95	23703	114	28.0	100	21385	139	20.3	99	24000
CORNELIUS												
C312.....	128	20.2	98	23991	118	25.6	100	21538				
C502.....	129	22.5	100	23604								
C555X.....	117	24.7	100	23985	134	28.2	99	23692	141	20.7	99	24000
CROW'S												
199.....	116	21.2	100	24000	127	27.5	100	24000	137	19.7	97	24000
344.....	109	23.0	100	23996	126	28.3	100	22923				
442.....	124	21.8	100	24000	120	28.6	100	20923				
444.....	131	23.2	99	23592	127	29.9	100	23846				
446.....	136	23.9	99	24000								
482.....	116	23.9	100	24000								
488.....	141	24.6	100	24000					135	20.3	97	24000
DAIRYLAND												
DX1006.....	133	22.1	100	23583	121	27.8	100	23385	152	21.0	99	24000
DX1013.....	119	26.1	100	23850	117	29.9	100	24000	156	22.0	99	24000
DX1103.....	129	22.4	100	23989								
DX1107.....	130	24.2	99	23995	108	28.2	100	24000	149	20.6	97	24000
DX1108.....	124	22.4	100	24000	121	29.1	100	23231				
DEKALB-PFIZER												
DK-547.....	111	22.9	99	24000	120	27.9	100	24000				
DK-572.....	123	24.7	100	23553								
T 1100.....	117	26.2	99	22563	128	31.6	100	23846	147	24.1	100	23857
DUESTERHAUS												
D1140.....	119	26.5	99	23420								
EK PREMIUM												
EK7725.....	107	19.5	99	22289	109	29.7	99	18154	139	19.4	96	23714
EK7732.....	121	20.8	100	23987	115	30.0	100	19538	134	20.4	100	22286
EK7733.....	91	22.9	94	23966								
EK7740.....	121	25.0	99	23273	93	28.9	100	23385	133	20.8	99	22286
EK7740A.....	135	24.1	99	23835	155	28.1	100	23385				
EK7771.....	125	25.5	100	23992								
EK7772.....	120	26.2	100	22571								
EK7780.....	125	25.8	98	23170	131	31.2	100	21385	130	23.8	99	24000
EK7786.....	123	24.7	99	24000								

WOODSTOCK, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%ERECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%ERECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%ERECT PLANTS	PLANTS /ACRE
EK PREMIUM CONTINUED												
EK7796.....	139	26.5	100	24000	123	31.2	100	24000	153	23.5	100	24000
EXSEED												
XS-1083.....	129	26.8	99	23999								
XS-1092.....	127	27.3	100	23558								
XS-1102.....	140	25.0	99	23582								
FEDERAL												
FX15.....	111	19.9	99	24000					105	18.5	99	23000
FX17B.....	110	22.0	100	23875								
FX29.....	116	23.3	99	23284	109	28.4	97	24000				
FX29B.....	95	19.2	93	23700								
FX5B.....	117	21.3	100	23417								
FX6B.....	119	24.8	99	22011	105	27.4	100	20308				
FX6D.....	121	21.5	97	23288	121	27.0	100	22308				
GARST												
8538.....	139	25.0	99	24000	129	31.4	100	22923	146	23.9	100	23571
8555.....	121	23.7	99	23976	132	28.1	100	24000	135	21.4	95	24000
8711.....	125	20.5	99	24000	127	26.8	99	24000	156	19.0	100	23714
8808.....	114	17.6	99	23997								
GREAT LAKES												
85596.....	135	21.5	99	23715	119	28.4	100	21231				
GL 514.....	131	22.7	100	22466								
GL 579.....	101	26.1	100	23991	140	27.1	100	24000	127	21.2	98	24000
GL 584.....	100	25.2	100	24000								
GROWMARK												
FS 2368.....	113	21.8	99	23993								
FS 4484.....	122	22.1	100	24000	127	27.5	100	23077				
FS 454.....	137	22.0	100	23408								
FS 6566.....	131	24.5	99	23986								
HENKEL												
H-16.....	122	23.5	98	24000	130	27.5	100	22615	134	20.9	100	24000
H-165.....	126	24.3	98	23437	119	28.8	99	23231	148	20.7	95	24000
H-95.....	118	20.6	100	23303	111	26.8	100	24000	126	19.4	98	24000
HUGHES												
3885.....	133	21.1	100	23149	104	26.2	100	21385				
5404.....	124	24.7	99	23402	109	28.7	100	21231	144	21.2	98	24000
5510.....	138	22.1	98	23124								
5777.....	122	25.2	100	23990								
5870.....	128	25.5	99	23010	112	29.1	100	22308				
C-27.....	125	20.4	99	23282								
D-47.....	136	22.0	99	23704								
JACQUES												
7770.....	124	24.8	99	23835								
7820.....	126	26.9	100	23962	100	31.2	100	21846				
JUNG												
2580.....	122	22.1	99	23851								
2650A.....	137	21.9	100	23561								
2770.....	102	24.6	99	23417	140	28.6	100	22769				
KALTENBERG												
K 6300.....	124	21.7	100	23988	116	28.6	100	24000	153	20.7	99	20000
K 6400.....	125	24.0	98	23843	130	29.0	99	23385	133	20.8	95	24000
KING												
K416.....	115	18.7	95	24000	129	25.5	100	24000				
K4422.....	116	18.8	100	23005	108	25.7	99	23385				
K5574.....	137	24.5	100	23828	112	28.2	99	23385				
K596.....	130	25.2	100	24000	121	30.5	100	24000				
K647.....	129	26.9	98	23985	135	31.5	99	21692				
LYNKS												
LX4084.....	117	21.3	98	23576								
LX4235.....	129	23.9	100	24000	131	28.8	100	24000	139	21.2	95	23714
LX4304.....	139	25.7	98	23993	137	29.3	100	23692	149	21.9	99	24000
MCCURDY												
4945.....	103	23.9	99	23984	107	27.6	100	24000	139	20.7	97	24000
5750.....	132	24.4	100	24000	163	29.1	100	23231	127	20.8	95	24000
5990.....	119	24.7	100	23993	126	27.9	100	23846				
NORTHROP KING CO.												
PX 9385.....	123	21.9	100	23990	128	25.8	100	24000				
X 4325.....	127	23.9	99	24000	119	28.4	100	24000				
PAYCO												
EXP SX 786.....	111	23.6	100	23447								
SX 750.....	104	23.6	99	23425	119	28.0	100	24000				
SX 872.....	123	24.7	100	23582	131	28.2	100	24000	150	21.5	99	24000

WOODSTOCK, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
PFISTER												
2250.....	123	22.6	100	24000								
2300.....	118	24.4	100	24000	144	27.4	99	23385	141	20.8	98	24000
2600.....	137	25.1	99	23152	144	28.0	100	23231				
POCKLINGTON												
P291.....	117	24.0	100	24000								
PRIDE												
4422.....	123	19.6	98	23982	119	25.7	100	23538	135	18.1	99	24000
5547.....	122	24.6	100	23707								
6692.....	136	25.9	97	23846	108	31.5	100	23538	151	23.1	100	23857
7705.....	126	27.5	100	23983	94	31.1	100	22769	153	23.7	100	24000
EXP99.....	112	19.7	100	23998								
X1027.....	117	19.6	99	23985								
X1076.....	128	21.1	100	23303	106	25.9	100	24000				
X1117.....	139	22.8	99	23151								
X1137.....	116	27.7	100	22573								
RENK												
RK25.....	129	21.2	99	23149	116	28.4	100	23538	150	19.1	96	24000
RK60.....	125	22.0	100	24000	128	28.9	100	23077	134	19.1	90	24000
RK64.....	145	24.9	98	24000	141	28.3	100	24000	140	21.2	96	24000
RK68.....	126	24.5	100	23144	129	28.2	100	23538				
RK73.....	115	25.4	100	24000								
RK76.....	110	26.6	100	23592	117	30.2	99	22000	137	24.1	100	23571
S BRAND												
SS 42.....	133	22.9	100	23992								
SS 54A.....	138	25.5	100	23994								
SS 57A.....	130	24.5	100	22729								
SS 62A.....	135	27.9	100	23997	136	30.1	100	24000				
SS 63B.....	120	27.1	100	24000								
SEEDTEC												
ST-7351.....	114	24.6	99	23997								
ST-7440.....	135	21.9	100	23842								
SHISSLER												
GR-8 159.....	129	20.5	99	23997								
GR-8 163.....	135	20.8	98	23988								
GR-8 171.....	131	24.6	99	23999	96	28.9	100	20308	134	21.0	99	23000
SUPER-CROST												
2989.....	135	24.3	99	23167	107	29.2	100	22769				
3030.....	126	22.2	100	23992	117	28.5	100	23846	155	19.4	98	24000
4386.....	138	24.8	100	24000								
EXP 87105.....	128	19.8	100	24000								
TERRA												
TR 1040.....	139	24.1	99	23985	113	27.7	100	22923				
TR 1060.....	117	25.9	99	23979	126	33.3	100	20462				
TR 1125.....	137	25.2	99	24000								
TR 162E.....	120	20.6	100	24000								
TR 3300.....	115	27.6	100	21720	144	30.7	100	21385				
TR 975.....	113	19.9	99	23707								
THOR-O-BRED												
SX 400.....	119	20.1	100	23995					159	19.1	96	24000
SX 420.....	137	21.8	99	24000								
TRACY SEEDS												
T2100.....	122	25.1	98	24000	123	28.3	99	24000	151	21.0	97	24000
T2130.....	127	24.4	100	23726	124	29.6	100	21077				
T2140.....	135	26.3	100	22721	128	30.8	100	24000				
WHATA HYBRID												
441.....	132	24.5	99	23265								
AVERAGE.....	124	23.4	99	23715	119	28.5	100	22814	138	20.9	98	23747
L.S.D. 10% LEVEL.....	20	1.0	2	1030	24	1.6	***	2221	18	1.0	4	*****
L.S.D. 30 % LEVEL.....	12	.7	2	649	15	1.0	***	1400	11	.6	2	*****
STD ERR OF CULTIVAR MEAN.	8	.4	1	441	10	.7	0	952	8	.4	2	589

DEKALB (24,000 PLANTS PER ACRE AND 30-INCH ROW SPACING)

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
AGRIGENE												
AG 4200.....	126	19.3	97	24000								
AG 5500.....	140	16.9	95	23537								
AGRINETICS												
8112.....	127	16.0	98	22787	122	21.3	96	22074				
8114.....	120	19.9	97	23979	123	22.5	93	23407	180	22.3	86	24000
8506.....	133	16.9	93	23993								
8511.....	137	19.0	95	23964								
8512.....	147	19.4	99	23991								
8515.....	137	21.2	90	23229								
AGRIPRO												
644.....	143	18.2	100	24000								
680.....	138	18.4	95	23987	141	22.1	90	23111				
710A.....	155	21.7	95	23964								
AP 510.....	150	21.7	96	23564	157	25.2	94	22963	183	23.8	94	23704
HP 470.....	149	19.6	99	23963	143	22.6	95	22667	176	21.8	78	24000
AMERICANA												
2700.....	111	15.2	96	23969	124	20.9	91	23407	162	19.7	94	24000
3045.....	136	19.4	96	23874	140	23.8	94	24000	179	21.4	94	24000
3600.....	135	21.4	99	24000								
C 611.....	148	19.9	99	23980								
C 631.....	136	16.3	93	23998								
ASGROW/D'S GOLD												
RX626.....	138	17.9	99	24000								
RX788.....	118	20.7	99	24000								
BECK'S												
51X.....	139	18.7	97	23734	144	22.3	95	24000				
52X.....	138	17.0	98	23391								
63X.....	141	21.5	97	24000	150	24.9	93	23407	186	24.1	98	24000
64XA.....	139	21.6	99	24000								
BETAGOLD												
HANNA.....	131	16.8	83	24000								
HEIDI.....	119	14.8	95	23970	140	21.5	96	24000				
CALLAHAN												
19101X.....	160	19.3	98	24000								
C747.....	141	17.6	99	24000	140	21.9	95	23852	183	19.9	96	24000
C754.....	137	18.3	97	23993	143	23.3	90	22667	177	21.8	96	23259
C766.....	159	18.6	100	23997	145	24.2	93	23407	182	23.4	94	24000
CARGILL												
130410.....	146	20.1	95	23996								
130411.....	138	16.7	97	23993								
5157.....	133	17.4	92	24000								
6127.....	152	19.0	95	24000								
893.....	120	18.7	99	24000	140	22.9	91	21778	166	21.1	99	24000
CFS												
6203.....	127	19.0	95	24000	138	23.0	92	23111	180	21.7	95	23259
7501.....	142	21.2	98	23999	153	24.8	96	24000				
7707.....	131	21.5	98	23995								
W6253.....	149	19.3	93	23983								
CHALLENGER												
CS406.....	145	17.0	99	24000								
CS407B.....	141	18.3	97	23996	147	22.5	94	23556	186	22.0	95	23407
CS409.....	144	20.3	97	23983								
CS410.....	135	19.1	95	24000					166	23.3	96	22815
CS411.....	147	19.9	92	24000								
CS412.....	136	21.8	96	24000	146	25.4	92	22963	187	23.7	98	24000
COKER												
8534.....	152	19.8	93	23966	147	23.8	94	23259				
8620.....	123	22.8	97	24000								
8625.....	140	21.2	99	23708					185	24.6	96	24000
CX 6407.....	152	19.6	98	24000								
CORNELIUS												
C502.....	139	17.7	100	24000								
C55SX.....	133	18.8	92	23991	154	22.6	98	23852	179	21.2	89	24000
C612.....	155	18.9	95	23261	151	24.9	94	22815				
CROW'S												
199.....	128	16.5	93	23963	127	19.1	93	23259	152	18.2	87	24000
344.....	116	17.8	96	23986	135	21.8	90	24000				
442.....	129	17.9	94	23390	155	22.3	96	23556				
444.....	118	19.2	99	23846	138	22.4	93	24000	164	22.6	96	24000
446.....	146	18.4	98	24000								
482.....	145	19.4	100	23970								
488.....	143	18.9	93	23982	139	25.0	94	24000	168	20.8	88	24000

DEKALB, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
DAIRYLAND												
DX1006.....	133	18.0	94	24000	149	21.0	91	24000	172	20.6	93	24000
DX1013.....	133	20.4	94	24000	141	25.3	92	23259	181	22.3	99	23407
DX1015.....	124	21.6	99	23997	149	25.8	94	23704	181	24.7	98	23852
DX1017.....	128	22.2	96	23981	165	25.4	94	23704	185	25.9	95	24000
DX1103.....	135	17.1	95	23965								
DX1107.....	130	19.4	92	24000	130	24.7	91	24000	185	21.2	88	24000
DX1108.....	130	18.4	99	24000	142	21.9	96	24000				
DEKALB-PFIZER												
DK-524.....	143	17.3	98	24000	138	20.1	90	23556	171	18.9	93	24000
DK-547.....	139	17.9	98	23570	140	22.9	93	23259				
DK-572.....	117	18.8	96	23550								
DK-636.....	141	21.3	98	23514	154	25.4	97	23556	180	23.5	96	24000
T 1100.....	148	19.2	99	23956	127	23.7	94	22815	180	22.5	96	24000
DUESTERHAUS												
D1140.....	129	20.8	92	23728								
EK PREMIUM												
EK7732.....	133	17.2	93	24000	132	22.6	93	19407	156	21.2	95	22222
EK7733.....	117	17.8	94	23984								
EK7740.....	139	19.0	100	24000	140	21.9	91	23852	187	21.7	96	24000
EK7740A.....	143	18.3	94	23993	146	23.5	92	24000				
EK7771.....	151	20.0	98	23982								
EK7772.....	128	20.1	99	23963								
EK7786.....	124	18.7	94	23068								
EK7796.....	124	21.1	96	23962	147	25.2	98	23556	187	24.6	99	24000
EK7796B.....	152	21.3	99	23945	132	24.2	94	23704	175	22.2	95	24000
EK7796C.....	154	21.1	95	23979	161	25.8	94	21630	187	24.7	97	23556
EXSEED												
XS-1092.....	147	22.3	91	23971								
XS-1102.....	153	20.2	96	23992								
XS-1131.....	143	22.4	96	23852								
XS-1132.....	126	21.9	98	23999								
FEDERAL												
FX37.....	126	16.2	90	23975	131	24.6	95	22963				
FX37A.....	144	19.0	98	22966								
FX38B.....	120	19.6	98	23997	133	21.5	93	22519				
FX7A.....	127	16.4	94	23964								
GARST												
8345.....	149	21.7	88	23985								
8388.....	124	20.9	100	23679								
8538.....	147	19.4	97	23975	144	23.9	96	24000	171	23.2	77	24000
8555.....	134	18.7	95	23226	138	21.8	95	23852	176	21.9	94	23852
8711.....	114	15.5	89	23960	135	19.2	93	24000	168	19.4	100	23556
GREAT LAKES												
85553.....	150	19.5	100	24000								
GL 579.....	136	18.6	91	23990	151	22.7	93	24000	185	21.6	86	24000
GL 584.....	132	17.6	95	23246								
GL 599.....	131	21.0	99	23569	148	25.3	93	23852	174	24.9	98	22963
GRIFFITH PURE LINE												
PL 126.....	140	18.6	96	23999	150	22.3	93	24000				
PL 235.....	148	19.1	95	23717								
PL 280.....	151	21.1	100	24000	147	25.0	94	22963				
PL 299.....	142	21.9	95	23419								
GROWMARK												
FS 454.....	127	17.4	96	23993	133	23.1	95	23407	171	21.4	95	23704
FS 6566.....	142	19.1	96	23982	140	22.9	93	22519	165	22.4	99	24000
FS 6621.....	148	19.8	100	24000	156	24.3	94	23704				
FS 675.....	151	19.2	96	22824	142	23.1	91	23704	171	22.4	84	24000
HENKEL												
H-165.....	157	18.7	95	23975	141	23.3	91	23259	176	21.3	95	23852
H-171.....	134	19.8	97	22865	155	24.3	92	23259	185	22.3	98	24000
H-21.....	130	20.9	96	21816	154	24.7	96	23704				
HUGHES												
3885.....	135	16.4	91	22423	140	21.4	97	22370				
5404.....	146	19.0	97	23671	139	22.2	90	23111	173	21.5	99	24000
5510.....	147	18.5	98	23480								
5777.....	148	20.2	94	23979								
5870.....	138	19.9	95	23976	153	24.9	97	23111				
D-47.....	142	16.6	91	22542								
JACQUES												
7770.....	143	19.4	94	23999								
7820.....	129	21.5	99	23998	134	26.3	90	23704				

DEKALB, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
JUNG												
2580.....	110	16.7	96	23657								
2650A.....	133	17.2	92	24000								
2770.....	129	18.6	99	23242	142	23.3	90	23704				
KALTENBERG												
K 7400.....	151	21.1	95	23989	146	25.6	91	22222	189	23.6	99	24000
K 7500.....	132	19.1	97	23128	152	23.5	98	23704				
KING												
K416.....	122	14.9	96	24000								
K4422.....	121	15.9	93	24000	122	20.0	91	21630				
K5574.....	128	18.8	95	23995	150	24.3	93	21926				
K596.....	155	20.5	98	23986	148	22.9	93	24000				
K647.....	155	21.0	96	23599	154	26.0	94	24000				
LEWIS												
2486.....	127	17.5	99	23978								
4685.....	141	19.8	99	22386								
5650.....	137	21.6	99	22247								
X21B.....	142	18.5	96	23155	144	23.1	94	23852	185	21.5	95	23704
LYNKS												
DS432.....	147	19.8	99	24000								
LX4102.....	132	17.7	89	23240	135	20.7	94	24000	180	20.4	96	23259
LX4235.....	145	18.8	95	23439	139	23.6	95	24000	180	21.7	98	23704
LX4304.....	143	20.6	97	24000	154	23.9	94	22815	178	21.4	99	24000
MCALLISTER												
SX8009A.....	110	21.1	94	22811	150	24.7	98	23111				
SX8304.....	130	18.0	95	22544	141	24.1	94	24000	190	21.7	95	23704
SX8310.....	134	21.2	98	23776	158	24.6	96	24000	181	24.0	94	24000
SX8406.....	136	20.3	97	23555	169	23.9	96	23852	176	22.6	98	23704
SX8408.....	133	21.5	98	23953								
SX8601.....	123	15.9	88	23282	128	18.6	93	23704				
SX8702.....	133	16.5	94	22687								
SX8705.....	123	17.6	98	23378								
MCCURDY												
4945.....	139	17.7	100	23968	143	21.3	92	23407				
5750.....	139	18.3	93	22656	147	23.1	97	23852	164	21.9	96	24000
5990.....	131	19.3	97	22550	144	23.8	93	24000				
NOBLE-BEAR												
NB2562.....	145	20.9	98	23977								
NB422.....	151	20.6	95	23611	139	23.6	93	22370				
NB446.....	146	19.4	99	24000	142	24.0	96	21333				
NB450.....	138	19.2	93	23979	149	22.7	91	23259	195	21.7	98	24000
NORTHROP KING CO.												
PX 9385.....	121	17.0	99	23797	131	20.8	94	23407				
PX 9470.....	127	19.2	93	23988	141	22.9	94	24000				
PX 9540.....	135	21.6	100	23987								
X 4325.....	140	18.4	97	23999	137	22.0	94	23852				
PAYCO												
EXP SX 786.....	130	18.8	95	22843								
SX 800.....	132	20.4	95	23864								
SX 860.....	140	18.9	99	24000	146	22.4	97	24000	179	24.8	93	24000
SX 872.....	119	19.1	95	24000	145	23.1	96	23259	187	22.2	95	23704
PFISTER												
2250.....	144	18.1	97	23964								
2300.....	140	18.3	98	24000	150	24.6	96	23852	176	22.7	91	24000
2600.....	139	19.8	98	23859	141	23.9	96	24000				
POCKLINGTON												
P451.....	145	19.2	98	23237								
PRIDE												
5547.....	125	20.1	98	23890								
6692.....	147	20.2	97	23709	146	24.5	96	23704	162	23.7	94	24000
7705.....	131	21.4	95	23986	143	25.7	92	23407	173	24.6	94	24000
EXP99.....	116	14.9	99	23984								
X1027.....	149	15.1	93	23980								
X1117.....	138	17.6	99	23979								
X1137.....	128	22.2	97	23959								
PURPLE RIBBON												
PR 400.....	117	15.7	95	24000								
PR 550.....	129	18.3	97	24000	131	22.5	90	23111				
PR 630.....	141	21.7	97	24000								
RENK												
RK25.....	129	17.0	94	22812	117	20.3	94	23704				
RK60.....	139	17.5	92	24000	140	21.6	98	24000	183	20.1	91	23852
RK64.....	130	18.9	96	23526	146	23.5	94	23852	177	21.3	91	24000

DEKALB, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS /ACRE	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS /ACRE	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS /ACRE	PLANTS /ACRE
RENK CONTINUED												
RK68.....	97	19.7	96	24000	126	22.1	92	23556				
RK73.....	164	18.8	96	23419								
RK76.....	130	21.6	96	23875	154	24.6	92	22815	181	24.0	98	24000
S BRAND												
SS 42.....	134	17.0	95	23015								
SS 54A.....	133	19.0	95	22097								
SS 57A.....	149	18.8	97	23715								
SS 62A.....	147	20.6	96	24000	151	25.2	91	24000				
SS 63B.....	142	21.1	98	22871								
SEEDTEC												
ST-7440.....	146	17.4	99	24000								
ST-7490.....	141	20.1	94	23685								
ST-7640.....	146	19.3	96	23572								
ST-7680.....	141	22.1	96	23984								
SHISSLER												
GR-8 171.....	136	18.5	94	23950	133	22.0	93	23852	179	21.5	94	24000
GR-8 173.....	152	18.9	99	23150	144	24.2	92	21778	179	23.3	92	24000
GR-8 186.....	148	20.7	98	23958								
SIEBEN												
27XS.....	132	18.8	98	23988	143	23.6	93	23556	186	21.1	92	23852
33XS.....	146	19.7	94	23984	166	23.1	92	23556				
37XS.....	163	19.5	99	23576								
43XS.....	157	21.5	97	23991	152	24.8	92	22963	179	24.0	99	23556
SUPER-CROST												
2989.....	144	19.0	97	23987	151	23.2	97	23556	185	21.4	83	24000
3030.....	133	18.4	99	24000	140	20.9	96	24000	176	18.9	90	23852
4386.....	145	19.6	93	24000								
5415.....	146	21.1	96	23992								
TERRA												
TR 1040.....	145	19.0	98	23982	127	23.2	95	21630				
TR 1060.....	134	20.5	96	24000	148	25.1	90	23259				
TR 1120.....	129	22.2	98	22512	162	24.3	96	23259				
TR 1125.....	152	19.4	96	23845								
TR 162E.....	119	16.6	94	23712								
TR 3103.....	144	19.0	95	23962					170	21.6	97	22519
TR 32.....	119	15.9	96	23953	142	21.5	94	24000	148	20.4	99	23852
TR 3200.....	130	18.1	95	23603					167	21.8	97	23407
TR 3300.....	147	20.7	97	23400	139	25.7	97	23111	194	23.4	94	24000
TR 3400.....	128	22.0	96	24000	138	25.4	96	23259				
TR 975.....	113	16.8	92	22392								
THOR-O-BRED												
SX 400.....	122	16.3	92	24000					162	18.6	95	22667
SX 420.....	149	17.6	97	23384								
TRACY SEEDS												
T2100.....	138	19.3	97	23400	154	22.9	92	22963	195	22.8	96	24000
T2130.....	157	19.3	96	23563	155	24.7	95	23407				
T2140.....	144	21.0	98	22513	136	26.1	96	24000				
T2150.....	139	22.2	94	23146	160	26.0	93	22667				
UNITED FARMERS												
U-100.....	144	17.3	98	23973								
U-105.....	120	15.4	96	23962	145	21.5	92	23704	156	19.3	98	24000
U-160.....	144	17.6	98	23977	131	22.4	94	23704	175	20.3	90	24000
U-320.....	130	18.5	99	23972	147	24.3	94	24000	169	21.7	92	24000
U-351A.....	150	18.3	97	23678	144	22.1	93	24000				
UPHOFF												
620.....	125	18.2	99	23979	134	22.0	94	23852	178	19.9	90	24000
634.....	141	20.2	95	24000								
638.....	156	18.8	99	24000	128	23.2	95	22963	179	21.8	84	24000
EX300.....	140	18.8	93	23968								
EX400.....	141	21.2	96	23972								
VINEYARD SEED CO.												
FC 521.....	128	20.1	97	23950								
V 415W.....	127	16.9	86	23977	116	21.7	94	23111				
V 417W.....	126	18.2	92	23980								
V 418W.....	131	20.6	94	23957	145	25.2	97	21926				
V 425W.....	132	18.5	97	23925								
WHATA HYBRID												
441.....	139	18.3	97	23111								
497.....	132	20.9	95	23973								
538.....	150	19.2	97	23668								
539.....	155	19.6	97	22806								

DEKALB, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
AVERAGE.....	137	19.1	96	23739	140	23.1	94	23239	170	21.7	93	23758
L.S.D. 10% LEVEL.....	19	1.0	5	1059	15	1.5	5	1586	18	1.3	9	988
L.S.D. 30 % LEVEL.....	12	.6	3	668	9	1.0	3	1000	11	.8	6	623
STD ERR OF CULTIVAR MEAN.	8	.4	2	454	6	.7	2	681	8	.6	4	424

ELWOOD (24,000 PLANTS PER ACRE AND 30-INCH ROW SPACING)

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
ADLER'S												
2905.....	147	18.4	100	23468	122	23.4	92	23882	141	20.4	98	23867
2990.....	149	18.4	99	24000								
3015.....	165	18.7	97	23989	131	24.6	90	23953	143	20.3	97	24000
4640.....	161	19.1	98	24000	140	27.9	99	19619				
AGRIGENE												
AG 5500.....	141	16.6	98	23629								
AGRINETICS												
7118.....	147	21.6	99	22773	145	26.3	90	23970	143	23.3	99	22667
8114.....	132	18.9	99	23610	116	23.0	90	23845				
8506.....	136	16.5	99	24000								
8511.....	153	17.5	100	23318								
8512.....	149	19.8	97	23198								
8515.....	154	20.9	99	23024								
AGRIPRO												
AP 510.....	148	20.8	98	23993	139	25.9	87	23977	134	22.2	99	24000
AP 670.....	147	21.3	99	23994								
HP 470.....	150	18.6	100	23884								
AINSWORTH												
X-306.....	141	18.4	99	23999	133	23.2	89	24000	140	20.1	99	23733
X-608.....	155	17.4	100	24000								
AMERICANA												
3045.....	140	18.3	100	23970	142	23.7	93	24000	138	20.6	99	23733
3600.....	153	20.6	96	24000	157	26.0	93	24000				
4040.....	150	20.7	98	24000	128	25.7	90	23967	157	22.6	99	24000
C 611.....	145	19.6	100	24000								
ASGROW/O'S GOLD												
6882.....	143	19.0	97	24000	142	25.4	91	23795	143	20.1	99	23467
RX759.....	156	19.8	98	24000								
BECK'S												
51X.....	137	18.2	99	23976	139	23.4	91	23558	139	19.7	99	24000
52X.....	144	17.4	97	24000								
53X.....	149	18.6	100	23315	142	25.1	95	23985	138	20.1	100	23067
63X.....	159	20.6	98	23993	136	25.5	97	23874	149	22.0	99	24000
64XA.....	149	19.9	99	24000	152	26.1	90	22384				
BETAGOLD												
HANNA.....	124	17.2	99	23996								
HEIDI.....	125	15.0	99	23963	127	21.0	95	23319				
BO-JAC												
391.....	144	18.8	99	23997					148	20.2	99	24000
4210.....	142	17.6	99	23725								
454.....	151	19.9	100	24000								
4605.....	164	19.0	98	24000								
590.....	147	20.5	99	23357								
602.....	155	20.8	100	23984								
CALLAHAN												
19097X.....	151	17.2	100	24000								
19101X.....	141	20.3	99	24000								
C771.....	150	20.7	99	24000	152	25.7	91	23970	150	21.5	99	24000
CARGILL												
130410.....	153	18.8	97	23999								
130411.....	129	16.5	97	24000								
5157.....	151	17.0	98	24000								
6127.....	139	17.9	100	23992								
7877.....	167	20.6	100	24000								
893.....	130	17.6	98	23970	121	22.8	92	23987	122	19.5	99	22933
937.....	173	19.1	96	24000	145	25.4	95	24000	156	21.4	97	24000

ELWOOD, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
CFS												
6203.....	142	18.3	98	23977	128	22.9	91	23861	146	19.9	99	23733
7501.....	145	20.7	98	24000	141	26.1	95	23447				
CHALLENGER												
CS406.....	145	17.0	98	23710								
CS407B.....	132	18.8	99	23605								
CS409.....	149	17.8	98	23063								
CS411.....	154	20.1	100	23980								
CS412.....	161	21.3	100	24000	131	25.2	93	23769				
CORNELIUS												
C72SX.....	147	20.9	98	23703	136	25.6	94	24000	155	22.9	99	24000
C78SX.....	164	19.3	100	23338	159	26.5	95	22797				
CROW'S												
199.....	131	15.3	97	23977					115	19.0	98	24000
344.....	133	17.3	98	23946	128	22.8	90	24000				
442.....	132	18.1	97	23482	146	24.5	88	21769				
444.....	136	16.7	97	23985	129	23.5	92	23600	136	19.3	98	23867
482.....	157	18.8	98	24000								
488.....	147	19.4	99	23993	157	25.6	96	23868	152	21.1	98	24000
DAIRYLAND												
DX1013.....	150	18.8	99	23985	133	24.5	91	23874	141	20.7	100	23467
DX1015.....	146	21.2	100	23990	139	25.2	94	23987	147	22.2	97	23867
DX1017.....	162	21.3	97	23998	140	26.1	95	23319	142	23.2	96	24000
DX1107.....	139	18.2	98	24000	136	23.5	95	23995	153	20.0	98	23333
DX1108.....	136	17.4	99	23748								
DEKALB-PFIZER												
DK-572.....	129	18.4	97	23988								
DK-636.....	139	21.2	99	23999	137	25.5	90	23425	138	22.2	99	24000
T 1100.....	142	18.8	96	22662	122	23.8	91	22909	149	20.5	98	23067
EK PREMIUM												
EK7733.....	124	17.3	100	24000								
EK7740.....	149	18.2	98	24000	127	23.2	94	24000	147	20.2	100	21867
EK7740A.....	145	18.4	99	23596	137	23.2	95	23915				
EK7783.....	124	19.0	99	23954								
EK7786.....	122	18.9	99	23982								
EK7796.....	144	21.1	98	23985	135	25.0	91	23990	159	22.3	99	23067
EK7796B.....	150	21.0	100	23979	135	24.9	91	23902	129	21.8	100	24000
EK7796C.....	153	21.0	99	24000	149	25.3	96	21551	142	22.4	99	23200
EXSEED												
XS-1092.....	155	21.4	99	23963								
XS-1102.....	161	19.4	98	24000								
XS-1131.....	170	20.3	99	23995								
XS-1132.....	151	20.7	100	23726								
GARST												
8388.....	140	20.7	98	22420	135	25.3	92	23408				
8538.....	157	19.1	99	24000	125	25.8	89	23476	136	21.5	99	24000
8555.....	132	18.1	98	24000	125	24.1	89	24000	136	20.9	100	23067
GREAT LAKES												
85553.....	143	19.0	98	23059								
85591.....	153	19.7	99	23349	155	28.1	95	23743				
GL 584.....	144	17.4	98	22569								
GL 585.....	146	18.9	97	23879	147	25.0	90	24000				
GL 599.....	150	21.1	98	24000	134	25.2	92	23980	148	21.8	100	23600
GRIFFITH PURE LINE												
PL 126.....	151	18.1	100	23981	138	22.9	88	22778				
PL 235.....	157	19.6	100	24000	148	25.0	94	23923				
PL 280.....	164	20.7	100	23833	139	25.2	94	23051				
PL 299.....	156	20.7	99	23994	152	25.4	94	23869				
GROWMARK												
FS 6566.....	148	18.1	100	23990	139	23.1	93	24000	151	20.4	99	24000
FS 6621.....	149	18.6	99	24000	136	25.4	96	24000				
FS 675.....	149	18.4	98	24000	135	23.7	96	23334	136	20.8	99	24000
HENKEL												
H-165.....	136	18.3	99	24000								
H-171.....	143	18.4	99	23746								
H-21.....	143	20.4	100	24000	136	25.4	89	24000				
HUBNER												
H3305.....	148	18.1	99	24000	145	22.6	91	23935	145	20.2	98	24000
H3307.....	138	18.8	98	23910	142	24.5	91	23721	133	20.1	98	23733
H3313.....	149	20.9	100	23992	140	26.3	94	23961	154	22.4	99	23733
H3315.....	135	20.9	99	24000								
H8609.....	138	17.7	98	23737								

ELWOOD, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
HUGHES												
5404.....	150	17.6	100	24000	137	23.3	96	23084	131	20.1	97	24000
5510.....	161	16.3	99	22808								
5777.....	145	19.6	100	23990								
5870.....	138	19.5	100	24000	127	25.4	94	22903				
D-47.....	140	15.6	98	23986								
JACQUES												
7700.....	157	18.6	99	23980	152	23.3	93	24000				
7820.....	166	21.0	99	23978	147	25.6	92	23735				
KING												
K5574.....	133	17.9	100	23993	137	23.1	96	24000				
K596.....	153	18.9	99	23985	139	25.5	96	24000				
K647.....	148	20.5	100	23986	139	25.9	91	23803				
LEWIS												
2486.....	143	17.6	100	22913								
4685.....	137	20.2	99	22409								
5650.....	141	20.8	98	23998	136	25.5	91	23251	145	22.0	100	24000
LYNKS												
DS432.....	154	19.8	100	24000								
LX4235.....	143	18.6	96	23985	145	24.4	89	23680	140	20.4	99	23467
LX4304.....	145	19.0	100	23989	130	27.5	95	23532	137	21.2	100	23867
MCALLISTER												
SX8009A.....	132	20.3	98	22041	132	26.1	95	23485				
SX8310.....	154	20.7	99	23993	127	26.5	98	23684	144	21.7	99	23600
SX8406.....	154	19.4	97	24000	142	24.1	90	23698	144	21.2	99	24000
SX8408.....	148	20.9	98	23985					136	23.0	99	23600
SX8410.....	148	20.8	98	23731	138	26.4	90	24000	149	23.2	98	22933
SX8611.....	141	19.8	99	23867								
SX8705.....	128	16.3	99	24000								
MCCURDY												
5750.....	136	18.1	98	23963	137	24.2	91	23588	130	20.0	99	24000
5990.....	147	18.3	99	23980	137	23.2	87	23961				
7277.....	163	21.1	98	24000								
NOBLE-BEAR												
NB2562.....	158	20.7	98	24000	139	25.9	91	23619	145	23.0	99	24000
NB422.....	149	20.0	99	23969	152	24.9	94	21842				
NB446.....	139	18.7	99	23993	140	24.2	92	22026				
NORTHROP KING CO.												
PX 9385.....	130	17.3	100	23980	122	21.5	92	23879				
PX 9470.....	131	18.2	99	23986	120	22.5	95	23996				
PX 9540.....	158	21.1	100	23956								
X 4325.....	139	16.4	100	23988	151	23.3	94	24000				
PAYCO												
SX 800.....	148	18.9	99	24000								
SX 925.....	147	21.1	100	23989								
PFISTER												
2250.....	138	17.1	98	23729								
2350.....	141	17.1	100	23979								
2600.....	144	18.8	100	23998	140	23.8	91	24000				
PRIDE												
5547.....	147	18.4	97	24000								
6692.....	151	18.6	98	24000	124	25.7	91	23966	150	20.8	99	24000
7705.....	156	21.4	98	23991	152	25.3	96	23995	147	22.5	99	24000
X1117.....	150	17.7	100	23747								
X1137.....	154	20.7	99	23993								
PURPLE RIBBON												
PR 430.....	138	17.7	98	24000								
PR 550.....	144	18.2	99	24000								
PR 630.....	142	21.1	100	24000								
S BRAND												
SS 42.....	140	15.6	100	23997								
SS 54A.....	155	18.3	99	23990								
SS 57A.....	147	18.3	98	22544								
SS 62A.....	156	19.3	98	23983	151	25.7	93	23995				
SS 63B.....	159	21.1	99	23985	144	26.1	88	22265				
SEEDTEC												
ST-7500.....	158	18.8	100	23353								
SHISSLER												
GR-8 171.....	151	18.0	98	24000	137	22.7	87	23893	139	20.4	98	22933
GR-8 173.....	144	18.7	99	22901	128	24.8	93	23618	131	21.2	99	22267
GR-8 186.....	148	20.7	98	23725								

ELWOOD, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
SIEBEN												
27XS.....	148	18.5	98	23080	138	23.6	90	23757	145	19.7	99	21600
33XS.....	150	18.5	97	23953	145	23.4	91	23371				
37XS.....	162	19.6	99	24000								
43XS.....	173	19.9	98	23996	137	25.3	93	23435	149	22.4	99	23333
51XS.....	145	20.7	99	24000								
STEWART												
6301.....	139	15.1	97	23985								
7366A-1.....	139	19.9	99	24000								
7366A.....	144	18.8	100	24000	134	25.2	92	20524				
8414.....	150	20.8	100	23610								
SUN PRAIRIE												
SP2032.....	143	18.4	100	23973	133	25.2	92	23222				
SP2258.....	161	19.2	99	23999								
SP230.....	147	18.6	96	23990	126	25.0	90	23605				
SP275.....	143	20.9	98	23606	151	25.7	91	23992				
SUPER-CROST												
2989.....	141	18.5	99	23988	138	22.5	94	24000	141	20.1	99	24000
4386.....	151	19.7	99	23988								
5415.....	156	20.7	97	23967	128	25.9	95	24000				
TERRA												
TR 1120.....	150	21.0	99	23889	145	25.1	93	24000				
TR 1125.....	147	20.0	99	23978								
TR 162E.....	132	15.8	99	23991								
TR 3103.....	143	18.4	98	23997								
TR 32.....	130	15.2	99	23991								
TR 3200.....	132	17.7	99	23067								
TR 3300.....	148	19.8	99	22510	138	25.7	95	23875				
TR 3400.....	135	21.4	100	24000	146	25.2	94	23999				
TR 975.....	124	16.6	100	22409								
TRACY SEEDS												
T2100.....	130	18.4	96	23990	130	22.9	94	23987	151	20.2	100	24000
T2130.....	148	19.7	99	23704	140	24.4	93	23989				
T2140.....	169	20.6	100	23732	130	25.5	88	24000				
T2150.....	119	21.3	99	23741	148	25.1	92	23850				
TRISLER												
87-3.....	140	19.8	100	23608								
T-2990.....	148	18.6	100	24000	139	23.5	90	24000	144	20.0	99	24000
T-2995.....	141	18.7	100	23990	138	25.7	93	22854	133	20.7	99	24000
T-5250.....	154	19.2	98	23976	124	25.2	91	23448	136	20.5	100	24000
T-5330.....	153	20.8	97	23317	142	25.9	93	23986	138	21.4	98	23867
UPHOFF												
620.....	146	17.5	97	24000	124	21.7	92	23945	133	19.6	100	24000
634.....	149	18.5	98	23984								
638.....	140	18.6	99	23975	120	25.3	96	23066	140	21.2	99	23867
VORIS												
V 2471.....	146	18.4	100	23319								
V 2495.....	167	19.3	100	23609								
V 2515.....	154	19.0	99	24000								
AVERAGE.....	146	19.1	99	23816	133	24.4	92	23506	135	20.8	99	23642
L.S.D. 10% LEVEL.....	16	.8	2	809	17	1.4	6	1112	18	1.0	3	974
L.S.D. 30% LEVEL.....	10	.5	1	510	10	.9	4	701	11	.6	2	614
STD ERR OF CULTIVAR MEAN.	7	.4	1	347	7	.6	2	477	8	.4	1	418

MONMOUTH (24,000 PLANTS PER ACRE AND 30-INCH ROW SPACING)

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
AGRIGENE												
AG 7400.....	142	21.4	75	24000								
AG 7970.....	138	23.0	90	24000								
AGRINETICS												
7118.....	138	21.7	92	22667	144	20.8	91	24000				
8515.....	129	21.6	95	23467								

MONMOUTH, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
AGRIPRO												
820.....	143	22.6	88	24000	138	21.2	82	24000				
AP 510.....	136	21.8	78	24000	155	21.0	95	24000	176	21.4	99	24000
AP 670.....	142	22.4	91	24000								
AINSWORTH												
X-409.....	146	19.4	88	23333								
X-415.....	145	21.6	91	23867								
X-416.....	138	21.2	96	24000	160	22.1	96	24000	168	21.9	94	24000
X-616.....	135	20.7	94	24000								
AMERICANA												
3045.....	133	17.3	90	24000	149	19.4	90	24000	153	18.6	90	24000
3600.....	156	21.4	63	24000	154	21.2	96	24000				
4040.....	143	22.1	79	24000	167	21.7	96	23000	171	21.5	94	24000
C 611.....	141	20.5	95	23467								
ASGROW/D'S GOLD												
6882.....	128	18.5	91	23867	148	19.6	95	24000	169	19.9	93	21926
RX788.....	140	21.5	88	24000	151	22.2	95	23571	165	20.6	94	23852
RX798.....	142	21.3	95	24000								
BECK'S												
63X.....	147	22.4	90	24000	163	21.6	90	23571	173	21.7	93	24000
65X.....	143	21.8	85	24000	151	21.2	96	23286	171	21.9	87	24000
67X.....	138	21.0	87	24000	148	21.0	95	22143	176	22.6	95	24000
89X.....	139	23.0	81	24000	158	24.5	92	24000	178	23.3	85	24000
BETAGOLD												
HANNA.....	127	17.4	94	24000								
HEIDI.....	109	15.4	73	24000	145	18.9	98	24000				
BO-JAC												
4210.....	141	18.5	88	24000								
454.....	153	21.4	96	24000								
4605.....	159	21.0	93	23600	163	21.4	92	24000				
5201.....	145	19.2	76	23733								
590.....	153	20.1	88	24000								
602.....	147	22.1	88	24000	153	21.7	95	24000				
BURRUS												
BX45.....	142	17.0	93	23733								
BX52.....	141	17.7	92	24000								
BX68.....	155	20.6	99	24000								
BX85.....	153	20.5	83	24000								
CARGILL												
7877.....	142	21.0	59	24000								
7990.....	126	22.6	81	22800								
7993.....	148	21.7	88	23600								
937.....	139	20.7	51	24000	143	20.8	83	23286	185	20.3	92	24000
971.....	141	23.2	71	24000								
SX 352.....	146	21.1	75	24000	143	21.2	90	22286	164	21.2	88	23556
CFS												
7501.....	148	21.8	95	24000	147	22.0	93	23286				
7707.....	139	21.1	91	24000	160	21.8	97	23714				
E96014.....	141	20.9	97	24000								
CHALLENGER												
CS407B.....	132	18.4	75	24000					157	18.6	93	24000
CS410.....	159	19.1	88	24000					166	19.1	87	23259
CS412.....	135	21.6	87	24000	152	21.8	94	23429	168	22.0	94	24000
CS415.....	138	21.9	77	24000	153	21.5	98	23429	176	21.4	95	24000
CS416.....	147	21.9	85	24000								
CORNELIUS												
C72SX.....	136	22.0	70	24000								
CROW'S												
442.....	146	18.5	85	24000	154	20.7	99	23143				
444.....	140	18.3	91	24000	137	19.4	98	23714	157	19.6	90	24000
446.....	126	18.8	94	23200								
482.....	153	19.3	81	24000								
488.....	141	18.9	59	24000	168	20.5	99	23857	176	20.3	74	24000
666.....	133	20.4	62	24000	152	21.2	92	24000	172	22.9	88	23111
DAIRYLAND												
DX1013.....	128	18.4	85	24000	146	21.9	93	24000	165	20.1	92	24000
DX1015.....	149	22.2	94	24000	148	22.4	93	23571	173	21.4	90	24000
DX1017.....	137	22.2	88	23467	147	21.4	95	23143	169	22.4	79	23852
DX1018.....	150	20.6	91	23333	160	22.1	95	23571				
DX1019.....	130	23.7	98	24000	145	23.8	97	23571				
DX1107.....	130	18.6	73	24000	143	19.9	96	24000	165	19.1	93	23704
DX1108.....	128	18.7	95	24000								

MONMOUTH, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
DEKALB-PFIZER												
DK-572.....	135	18.1	92	23600								
DK-636.....	155	21.5	86	24000	158	20.9	94	23143	158	21.5	96	24000
DK-656.....	144	21.6	84	23600	144	21.2	92	23000	164	22.0	90	24000
T 1100.....	147	18.7	89	22800	147	19.9	98	22714				
DOCKENDORFF												
7150.....	140	18.2	84	23733	154	20.2	87	23143	177	18.9	86	24000
7670.....	147	21.0	92	23467	155	21.4	95	22000	172	21.2	94	24000
7720.....	139	20.3	91	23467	152	22.0	95	22857				
Q 760.....	132	21.3	89	23600	152	21.6	94	22429				
DUESTERHAUS												
D1130.....	141	21.9	85	24000	154	20.0	96	23000				
D1140.....	134	20.9	79	23467								
D1160.....	147	21.8	94	23467								
EK PREMIUM												
EK7732.....	137	17.8	94	23733	140	20.2	95	21286	152	19.2	95	22519
EK7740.....	131	17.9	68	24000	149	19.6	98	24000	165	19.6	95	24000
EK7740A.....	137	18.3	84	23733	143	19.9	92	24000				
EK7783.....	126	19.5	88	24000								
EK7786.....	137	19.5	93	23867								
EK7796.....	126	21.4	78	24000	164	22.0	99	24000	160	22.1	95	23852
EK7796B.....	141	21.8	85	24000	139	21.4	93	24000	160	20.3	96	23852
EK7796C.....	141	22.2	84	24000	142	22.4	92	20714	172	21.2	97	24000
EK8805.....	148	21.4	83	24000	139	21.4	93	22857	164	22.0	90	24000
EK9900.....	144	22.7	76	24000	138	23.0	97	23000	179	25.3	90	24000
FEDERAL												
FX39B.....	131	20.5	88	23200								
FX40A.....	121	20.3	74	22800	140	20.5	97	22857				
FX59A.....	98	21.0	89	23733								
FUNK'S												
G-4326.....	127	19.2	95	24000	150	20.4	97	24000	149	19.2	92	23704
G-4425.....	139	19.1	68	24000	145	19.6	93	24000				
G-4440.....	135	20.4	84	23333	136	21.1	93	22143	171	19.8	91	24000
G-4447.....	138	18.9	87	24000								
G-4513.....	141	21.6	89	23867	154	22.3	95	23286				
G-4522.....	135	20.9	84	24000	157	21.3	96	24000	174	21.5	86	24000
G-4543.....	136	21.2	87	23600	148	21.4	96	24000				
G-4626.....	148	20.6	96	24000	168	23.1	97	24000				
G-4635.....	154	21.9	87	24000	162	22.6	97	23714				
RA 1404.....	147	18.8	91	24000	149	20.5	94	23571	163	20.0	83	23704
GARST												
8344.....	139	22.2	98	24000					160	21.6	97	23407
8388.....	149	22.0	90	23067	139	22.3	96	24000				
8538.....	144	19.0	95	23733	154	20.6	93	24000				
8555.....	133	18.5	92	24000								
GOLDEN HARVEST												
EX 536.....	134	20.1	64	24000								
H-2568.....	131	21.3	72	24000	141	23.0	96	23857				
H-2572.....	136	21.7	90	23733	152	21.1	95	23286	173	21.5	95	24000
GREAT LAKES												
85553.....	150	20.4	95	22800								
86636.....	147	20.6	85	21867								
GL 584.....	160	17.4	93	23467								
GL 599.....	149	21.8	87	23867								
GRIFFITH PURE LINE												
PL 126.....	139	18.6	81	23867	141	19.5	93	23143				
PL 235.....	140	20.3	98	24000	149	22.0	96	24000				
PL 280.....	146	22.4	89	24000	153	21.6	93	23429				
PL 299.....	138	22.3	84	24000	151	20.8	94	24000				
GROWMARK												
FS 6566.....	142	18.6	80	24000					157	19.1	91	24000
FS 6621.....	124	19.3	70	24000	152	20.8	95	23571				
FS 675.....	142	18.9	87	24000	148	20.8	98	23714	168	20.0	90	24000
FS 6933.....	144	21.9	87	23867	168	21.3	95	24000				
HENKEL												
H-165.....	130	17.8	81	24000								
H-21.....	128	22.2	88	23200	152	21.6	96	23714	171	21.8	94	22222
HOBLOIT												
436.....	148	20.7	92	24000								
439.....	141	21.4	92	23067	154	21.6	96	24000	181	21.7	92	24000
443.....	154	20.5	90	24000					178	21.8	93	24000

MONMOUTH, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%ERECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%ERECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%ERECT PLANTS	PLANTS /ACRE
HUGHES												
5404.....	129	18.5	68	24000	147	19.4	96	23714				
5510.....	146	17.9	99	24000								
5777.....	144	20.7	97	24000								
5870.....	149	20.7	95	23733	156	22.5	98	23429				
D-47.....	133	16.4	81	24000								
IOWA-MISSOURI												
SX 16.....	142	21.6	90	24000	152	21.3	90	23714	187	21.5	88	24000
SX 40.....	153	20.5	85	23067	141	22.1	96	22286				
JACQUES												
7820.....	134	21.9	89	23867	161	21.2	95	23714				
8210.....	158	22.5	94	24000								
KING												
K5574.....	129	18.3	73	24000	140	19.5	95	23286				
K596.....	150	19.2	89	24000	148	20.8	97	23429				
K647.....	156	21.4	86	22800	155	21.8	96	24000				
LEWIS												
2486.....	120	17.4	91	23600								
4685.....	149	20.4	99	22533	150	21.4	93	23571				
5106.....	152	20.1	88	23600	151	21.3	92	24000				
5650.....	147	21.6	84	23200	158	21.8	96	23714	177	21.6	94	23704
5910.....	148	21.9	89	19333	159	21.4	96	23857	160	21.9	93	23556
5950.....	142	21.5	81	22933	147	21.6	94	23714				
6756.....	160	22.0	84	23600								
LYNKS												
DS432.....	153	21.5	94	23733								
LX4304.....	135	18.8	83	24000	157	20.6	98	23714	179	19.4	91	24000
LX4348.....	151	19.5	90	23867	153	20.7	94	23000				
LX4355.....	138	21.9	79	23867	149	21.6	96	24000	178	22.6	91	24000
LX4406.....	150	21.7	82	24000								
MCALLISTER												
SX7300N.....	164	23.5	98	23600	161	22.7	92	23286				
SX8009A.....	136	21.2	93	24000	145	21.4	95	23429				
SX8310.....	140	21.8	79	23200	162	21.7	95	23714	172	20.8	96	23407
SX8406.....	132	18.5	79	24000	162	21.6	96	24000	174	19.6	99	22519
SX8408.....	133	21.7	94	23600					169	21.6	93	24000
SX8410.....	139	21.6	88	24000	152	22.0	96	24000	188	21.8	90	24000
SX8611.....	148	20.8	95	22000	158	21.5	93	24000				
MCCURDY												
7277.....	151	21.7	87	22267	150	21.3	96	24000	167	20.8	87	23704
7384.....	132	22.5	76	23867	152	21.6	96	24000	178	21.6	89	24000
NOBLE-BEAR												
NB2562.....	141	21.7	95	24000	151	21.7	93	22286	183	21.2	93	24000
NB422.....	151	21.2	94	24000	152	21.7	98	22857				
NB450.....	143	18.4	74	23733	154	20.3	93	24000				
NBT-860.....	131	22.9	84	24000								
NORTHROP KING CO.												
PX 9527.....	140	19.1	83	24000	149	20.7	97	23714	158	19.7	88	24000
PX 9540.....	144	21.4	93	24000	147	21.8	94	24000	173	21.8	97	23852
X 4325.....	136	17.2	46	24000	149	19.1	93	24000				
X 5225.....	146	19.6	93	23600								
PAYCO												
SX 800.....	138	18.8	91	24000								
SX 900.....	145	21.5	76	24000	135	21.1	95	23714	177	21.8	81	24000
SX 925.....	143	21.8	89	23600	159	21.8	95	24000	180	22.4	96	24000
PFISTER												
2600.....	145	19.3	80	24000	161	21.4	97	23714				
3340.....	137	22.1	93	24000								
3451.....	138	21.9	96	24000								
POCKLINGTON												
P321.....	144	20.7	96	22667	153	23.2	98	24000				
P322.....	138	19.9	88	24000								
P381.....	144	20.6	94	23333	150	22.9	95	23429				
P451.....	122	20.1	99	22533	154	21.8	96	23286	165	21.2	93	24000
P452.....	141	20.0	95	24000								
P51A.....	150	21.7	91	23467								
P641.....	146	23.2	89	22000								
P641A.....	154	23.5	81	22267								
PRIDE												
6692.....	145	19.3	89	22800	155	20.7	92	23286	175	20.0	92	23704
7705.....	131	21.4	79	24000	156	21.6	97	23857	177	21.9	92	24000
EXP117.....	135	22.8	78	24000	158	21.6	98	23429				
X1117.....	139	17.8	84	24000								

MONMOUTH, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
PRIDE CONTINUED												
X1137.....	141	21.7	72	23600								
S BRAND												
SS 54A.....	143	19.9	88	24000								
SS 61B.....	144	19.8	93	24000								
SS 62A.....	143	21.1	75	24000	151	21.4	95	24000				
SS 62B.....	150	20.4	86	23733								
SS 63B.....	156	21.9	88	24000	150	21.8	94	22714				
SEEDTEC												
ST-7490.....	134	17.5	80	23867								
ST-7640.....	141	18.7	91	23333								
ST-7680.....	133	21.8	86	23867								
SHISSLER												
GR-8 173.....	130	18.9	95	24000	148	21.5	98	23571	164	20.0	95	20741
GR-8 178.....	151	19.2	96	23467	146	19.9	93	24000	172	19.9	91	24000
GR-8 186.....	135	21.4	88	23467	139	22.1	94	24000	157	21.6	96	24000
SIEBEN												
33XS.....	143	18.5	86	23600	154	20.7	97	23714	168	20.2	91	23407
37XS.....	143	20.5	89	24000								
43XS.....	142	21.9	92	24000	151	21.2	94	23714	173	20.8	97	22963
51XS.....	139	20.9	92	24000	156	22.4	96	23286	176	21.8	93	24000
STEWART												
7355.....	138	21.5	70	23733	156	21.4	98	24000	181	22.2	91	22222
7356.....	133	22.3	73	24000								
7366.....	143	19.5	86	23733	144	23.1	98	23857				
7366A-1.....	133	19.8	89	24000								
7366A.....	138	19.4	92	24000								
7393.....	159	20.1	95	24000	143	20.3	96	24000				
STONE SEED FARMS												
SX293.....	149	19.7	89	24000	159	21.7	97	24000				
SX309.....	146	20.4	91	21867	144	21.9	90	23571				
SX337.....	140	21.3	93	24000	163	20.6	98	23857	189	21.8	95	24000
SX35.....	144	19.0	84	23867	156	20.1	97	23857	181	20.1	79	21037
SX36.....	153	21.7	91	23067					164	21.2	95	24000
SX363.....	139	20.7	95	24000	167	22.4	93	23143				
SX434.....	147	23.0	92	24000								
SUN PRAIRIE												
SP2258.....	148	20.5	92	24000								
SP230.....	123	19.1	77	23600	144	20.5	95	23143	163	20.4	84	24000
SP275.....	144	21.5	91	24000	154	21.7	94	23714	177	21.5	94	23704
SP2808.....	142	20.2	77	24000								
SP3150.....	146	20.9	93	23733	153	22.0	95	22714	173	20.9	91	24000
SUPER-CROST												
4304.....	137	18.3	77	24000	154	20.5	96	23714	178	19.8	90	24000
4386.....	145	20.7	96	24000								
5415.....	137	21.7	82	24000	157	22.1	92	24000				
5460.....	149	21.8	90	23467	159	22.4	96	23143	180	21.5	98	24000
TRISLER												
T-6330.....	134	21.0	86	24000								
UNITED FARMERS												
U-320.....	126	17.9	86	22533	147	19.4	98	23143				
U-351.....	125	18.5	78	23867								
U-500A.....	141	21.2	87	24000	160	21.8	97	23286				
U-523.....	133	20.1	91	23733	169	22.7	97	24000				
UPHOFF												
620.....	136	17.8	92	24000	137	19.3	95	23714	167	18.8	76	24000
634.....	151	18.7	66	23600								
638.....	140	18.9	94	24000	151	20.4	95	22714	173	20.5	88	24000
644.....	145	20.7	89	24000	167	22.0	99	23857	169	21.1	96	21778
644A.....	148	20.4	95	24000	154	22.2	96	23143				
645.....	138	21.3	84	24000	146	21.2	93	23571	167	21.4	84	23407
645A.....	153	21.6	81	24000	159	21.3	92	22000				
670.....	140	22.7	99	24000	160	22.3	96	24000				
VINEYARD SEED CO.												
FC 535.....	135	20.0	88	18267								
FC 550.....	132	21.1	96	23600	156	22.1	95	23000				
FC 575.....	127	21.5	91	24000								
V 424W.....	131	22.1	55	24000	131	21.8	90	23286				
V 425W.....	136	20.7	85	24000								
V 58W.....	131	22.0	54	24000	143	22.3	93	24000	179	23.0	95	24000
WATSON SEED FARMS												
W-390.....	143	22.6	93	24000								
W-396.....	141	19.5	87	23867								

MONMOUTH, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	XERECT PLANTS /ACRE		YIELD BU/A	MOIST- URE %	XERECT PLANTS /ACRE		YIELD BU/A	MOIST- URE %	XERECT PLANTS /ACRE	
WATSON SEED FARMS CONTINUED												
W-400.....	149	21.8	89	24000	163	21.5	96	23143				
W-427.....	154	20.8	94	23867								
AVERAGE.....	141	20.5	86	23714	148	21.3	94	23447	166	21.0	89	23635
L.S.D. 10% LEVEL.....	17	.9	14	1176	16	.9	6	1205	19	1.0	10	1253
L.S.D. 30% LEVEL.....	11	.5	9	741	10	.6	4	760	12	.6	6	790
STD ERR OF CULTIVAR MEAN.	7	.4	6	504	7	.4	3	517	8	.4	4	538

MONMOUTH (WAXY CORN TRIAL)

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	XERECT PLANTS		YIELD BU/A	MOIST- URE %	XERECT PLANTS		YIELD BU/A	MOIST- URE %	XERECT PLANTS	
** WHITE WAXY												
CUSTOM FARM SEED												
EW 96010.....	113	22.0	35		155	21.0	91					
EW 97012.....	133	23.9	68		167	21.7	97					
EW 97016.....	133	26.1	42		156	23.7	96					
W 6253.....	114	22.1	35									
W 7651.....	132	22.3	83		167	20.9	97		157	26.7	87	
W 7955.....	133	24.1	61									
W 8251.....	119	26.6	50		156	24.1	81					
DEKALB-PFIZER GENETICS												
112 WX.....	149	21.7	83		167	21.3	100		160	28.4	79	
LEWIS												
WX 14B.....	124	19.2	78		165	19.4	92		152	24.2	80	
WX 21B.....	122	21.5	67									
WX 31B.....	84	20.5	60		117	19.3	86		120	22.8	78	
WX 62B.....	125	23.4	48		149	21.8	92		142	27.9	87	
NOBLEBEAR												
T-424.....	119	20.6	84									
T-615.....	122	24.3	30		169	22.6	95		174	28.6	84	
T-635.....	133	24.5	59									
T-636.....	161	26.7	63									
T-642.....	157	25.2	90									
T-680.....	138	25.4	59									
T-831.....	145	24.4	66		174	23.6	96		174	30.2	89	
T-860.....	143	24.4	85		156	23.1	90		163	30.3	89	
T-865.....	143	21.7	35									
PFISTER												
2800 WX.....	137	22.4	88									
3500.....	114	23.7	52		166	22.7	93		166	28.6	81	
PIONEER												
3541E.....	140	17.9	93		140	19.1	97		158	23.0	78	
EXP 3377.....	142	22.0	47									
SPECIALITY GRAINS												
SGI 68.....	130	24.6	69		168	23.0	87					
SGI EXP **.....	128	25.5	30									
SGI TW 846 **.....	142	24.4	46		154	23.4	90					
STURDY GROW												
WX 84W **.....	128	25.4	32									
WX 924W **.....	103	25.6	26									
WX EXP86AH001W **.....	104	25.9	86									
SUPER-CROST												
4337WX.....	143	21.9	78									
EXP 87308WX.....	126	21.6	61									
VINEYARD												
V318WW **.....	119	23.9	73									
V368WW **.....	114	23.7	87									
V378WW **.....	119	27.2	52									
V379WW **.....	153	26.6	38									
AVERAGE.....	129	23.6	61									
L.S.D. 10% LEVEL.....	22	1.0	16		16	.8	9		24	1.2	16	
L.S.D. 20% LEVEL.....	17	.8	13		12	.7	7		19	.9	12	

KILBOURNE, IRRIGATED (28,000 PLANTS PER ACRE AND 30-INCH ROW SPACING)

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
AGRATECH												
888.....	142	22.1	100	26610								
GK 750.....	132	20.7	100	27910	161	22.3	97	27624	136	17.9	91	21433
AGRIPRO												
820.....	149	20.8	100	28000	166	22.9	98	27992				
AP 510.....	160	19.6	98	28000					113	16.6	94	26008
AP 670.....	165	21.5	100	28000	171	22.9	99	27624				
AINSWORTH												
X-416.....	141	19.8	100	27305	154	23.0	98	25755	132	18.2	92	27349
X-613.....	150	19.7	100	27042								
X-617.....	160	21.0	99	28000	158	24.2	98	27998				
ASGROW/O'S GOLD												
2545.....	178	19.7	100	28000	180	23.6	94	27999				
RX788.....	139	20.1	100	28000	149	22.4	98	27995	131	17.2	95	23324
BO-JAC												
562.....	143	22.0	100	28000								
603.....	153	20.5	100	27735					123	16.7	87	27187
6503.....	161	21.9	100	27576								
BURRUS												
BX26.....	160	19.7	100	27176	170	23.4	96	27623				
BX52.....	158	14.8	100	28000								
BX85.....	147	17.6	99	28000								
CALLAHAN												
19101X.....	136	18.2	100	28000								
C771.....	160	19.8	100	28000	157	22.8	98	27817				
C773.....	129	19.3	100	28000	160	23.5	97	27994				
CARGILL												
7877.....	176	17.6	99	27185								
7990.....	177	20.5	99	27726								
7993.....	164	19.5	100	28000								
937.....	162	17.2	98	28000								
SX 352.....	139	18.7	100	28000	169	23.0	98	27259	110	17.5	89	27991
COKER												
8601.....	133	18.4	99	28000	163	21.4	99	27994	112	15.7	91	27956
8620.....	163	19.6	99	27448								
CX 5067.....	168	21.5	100	25340	165	23.3	96	25950				
CX 6407.....	157	19.3	100	28000								
CROW'S												
344.....	110	15.0	100	26610	149	19.6	99	26874				
442.....	141	16.8	99	28000	129	19.9	94	27810				
444.....	147	16.9	100	28000	151	19.0	94	27443	100	13.5	97	27483
482.....	142	18.0	100	28000								
488.....	132	17.9	100	27581	166	21.9	94	27995	124	15.3	91	24959
555.....	124	16.5	100	27734								
666.....	163	19.3	100	27303					135	16.9	90	24374
DEKALB-PFIZER												
DK-636.....	183	19.4	100	26866	164	22.3	98	26874	116	17.8	92	27683
DK-656.....	152	20.1	100	27743	143	23.7	96	27811				
DK-672.....	153	20.1	100	25475	176	23.1	99	27814	136	16.2	94	27091
EK PREMIUM												
EK7740A.....	144	16.2	99	27880								
EK7783.....	126	16.5	100	27025								
EK7786.....	116	17.5	100	27577								
EK7796.....	123	20.5	100	28000	150	22.4	99	26877	123	17.6	94	26933
EK7796C.....	104	18.8	100	28000	163	22.7	99	26877	119	18.0	87	25909
EK8805.....	135	17.9	100	28000	190	22.8	95	27442	118	17.3	92	25976
EK8805A.....	136	17.5	100	27437	163	22.9	98	27430	114	16.8	90	26275
EK9900.....	132	21.0	98	28000	156	25.0	98	27266	126	19.5	93	25194
EK9920.....	165	23.4	100	28000								
EX806.....	139	18.2	99	28000								
GOLDEN HARVEST												
H-2492.....	150	14.4	100	28000								
H-2568.....	139	19.2	100	28000	170	21.9	97	27996				
H-2572.....	164	19.4	100	27635	165	23.2	97	28000	117	17.2	90	27813
H-2602.....	176	17.8	100	27624	178	21.8	99	27615	138	16.2	93	25406
GRIFFITH PURE LINE												
PL 126.....	144	16.0	100	28000	150	19.9	96	27999				
PL 235.....	124	17.1	100	27728								
PL 280.....	150	19.2	99	28000	164	22.8	99	27639				
PL 299.....	157	20.6	100	28000	185	24.0	98	27620				
GROWMARK												
FS 6621.....	149	17.4	100	28000								

KILBOURNE, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
GROWMARK CONTINUED												
FS 675.....	186	17.1	100	27486	144	21.3	99	27268				
FS 6933.....	132	19.5	100	26920	165	22.4	95	27999	124	17.1	94	28000
HUBNER												
H3307.....	150	16.5	100	27058	143	19.8	99	27253				
H3313.....	170	18.8	100	27763	151	22.7	94	28000				
H3314.....	147	21.4	100	28000	153	23.1	97	28000				
H3315.....	136	19.7	99	27091								
H3508.....	146	18.7	99	28000	156	20.6	100	28000				
HB609.....	124	15.7	100	26632								
JACQUES												
7900.....	153	19.0	100	28000	172	23.1	95	28000				
8210.....	157	22.0	100	28000								
KING												
K4464.....	138	18.5	99	27059								
K5574.....	127	16.9	100	28000	164	20.2	94	27434				
K596.....	164	16.7	100	28000	147	20.8	96	27429				
K647.....	167	20.1	100	27337	154	22.5	96	27999				
LEWIS												
5595.....	163	18.3	100	27209	163	20.8	93	26133				
5910.....	156	20.3	100	27917	164	22.4	97	27623	117	18.2	94	26375
6756.....	138	21.3	98	27204								
X74B.....	140	20.5	99	27218	181	25.0	94	28000	142	18.8	88	27759
LYNKS												
LX4348.....	164	18.3	99	27755	159	19.5	98	26890				
LX4355.....	155	19.1	100	28000	165	23.8	98	28000	154	17.2	92	27803
LX4406.....	145	21.6	100	27936	160	22.7	96	27623				
PAYCO												
SX 900.....	167	19.7	100	28000	151	22.9	97	27995	121	16.8	92	24820
SX 925.....	147	19.0	100	28000	186	22.8	95	27997	115	17.5	93	24953
PFISTER												
3451.....	143	23.3	100	28000								
S BRAND												
SS 54A.....	139	18.0	100	26073								
SS 61B.....	155	18.2	100	26071								
SS 62A.....	146	17.5	100	27353								
SS 62B.....	160	19.8	100	28000								
SS 63B.....	110	20.1	100	27908	163	22.6	96	27260				
SHISSLER												
GR-8 178.....	146	17.4	100	27507	167	20.6	98	28000	115	14.6	95	26770
GR-8 186.....	146	19.4	100	28000	159	22.6	98	28000	131	17.9	90	26187
GR-8 189.....	169	20.2	100	27346								
SUPER-CROST												
5415.....	141	19.6	99	27633								
5460.....	131	19.8	100	27194	149	23.0	97	26508				
TERRA												
TR 1040.....	108	14.6	100	27473	138	19.8	94	28000				
TR 1060.....	143	17.9	100	28000	154	22.7	98	27807				
TR 1120.....	121	19.5	100	28000	163	22.8	95	27624				
TR 1125.....	126	18.6	100	28000								
TR 162E.....	102	14.6	95	28000								
TR 3103.....	158	16.2	100	27608								
TR 3300.....	161	17.8	100	27047	154	22.4	97	26324				
TR 3400.....	192	19.0	100	26085	157	24.0	96	27999				
WHATA HYBRID												
2158.....	157	17.1	100	28000								
539.....	132	17.4	100	26599								
ZIMMERMAN												
Z-27.....	165	20.6	96	28000	165	23.0	93	27252	97	17.7	83	27409
Z-38.....	120	19.4	100	23990								
AVERAGE.....	147	18.9	100	27561	156	22.4	97	27564	117	17.1	92	26340
L.S.D. 10% LEVEL.....	26	1.7	2	1299	23	.9	4	1277	22	1.3	6	3054
L.S.D. 30 % LEVEL.....	16	1.0	1	818	15	.5	2	804	14	.9	4	1923
STD ERR OF CULTIVAR MEAN.	11	.7	1	556	10	.4	2	546	10	.6	3	1307

URBANA (24,000 PLANTS PER ACRE AND 30-INCH ROW SPACING)

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
ADLER'S												
3350.....	152	21.3	100	24000								
5990.....	140	24.3	100	23997								
6100.....	159	23.0	98	23976					180	22.7	100	24000
6103.....	159	25.6	100	23952								
AGRATECH												
888.....	152	27.5	100	23979								
GK 750.....	150	23.4	100	24000					173	23.8	100	23385
GK 755.....	144	23.6	100	23987	171	22.3	95	23983				
AGRIGENE												
AG 5500.....	133	18.1	99	23988								
AG 7400.....	150	23.6	100	23997								
AG 7970.....	129	25.1	99	23934								
AGRINETICS												
7118.....	148	22.3	100	22742	180	23.2	98	23591	197	22.9	99	24000
8515.....	145	23.5	100	24000								
AGRIPRO												
820.....	147	23.2	100	23996	188	22.2	98	23653				
AP 510.....	146	23.6	100	23989	183	22.5	97	22143	177	23.5	100	24000
AP 670.....	140	23.2	100	23874	179	22.8	100	22022				
AINSWORTH												
X-416.....	148	23.6	100	24000	169	22.4	98	23781	181	23.8	100	23692
X-516A.....	149	23.8	100	23958	188	22.3	99	24000	184	23.6	100	24000
X-617.....	132	24.5	99	24000	186	23.2	95	22368	187	25.7	100	24000
X-912.....	145	20.9	100	23922								
AMERICANA												
3045.....	139	19.7	100	23977	163	19.8	97	22614	173	19.2	100	24000
3600.....	140	24.1	100	24000	185	22.7	98	22956				
4040.....	136	23.1	100	23986	189	21.9	99	23004	182	23.1	100	23846
4730.....	142	27.1	100	24000	200	26.2	99	23576	191	25.5	100	24000
4780.....	152	26.5	100	24000	172	21.1	97	23627	185	25.3	100	24000
C 601.....	157	25.1	100	24000								
C 611.....	154	23.0	100	23958								
ASGROW/O'S GOLD												
2545.....	145	23.5	100	23925	189	22.2	98	23927	181	23.6	100	24000
6882.....	148	22.0	100	23963	172	21.3	96	21933	181	21.8	100	23846
RX759.....	150	23.8	100	23948								
RX788.....	133	24.0	99	23976	175	21.6	99	23484	178	23.5	100	23385
BECK'S												
63X.....	156	24.0	100	24000	181	22.3	95	22151	186	22.9	100	23538
64XA.....	144	24.0	100	24000	181	22.3	98	21826				
65X.....	127	22.9	100	24000	188	22.7	94	23866	191	22.9	100	23077
67X.....	156	25.1	100	23972	168	22.4	98	22444	188	22.8	100	23846
89X.....	152	26.6	100	23979	171	24.3	95	23958	184	28.3	100	24000
BO-JAC												
454.....	153	23.1	100	23908								
4605.....	158	22.6	98	23517								
5201.....	144	21.1	99	23937								
590.....	144	23.9	100	24000	187	21.5	96	23878				
602.....	144	23.3	100	24000	187	22.5	97	23650				
603.....	150	23.5	100	23977					178	24.4	100	23846
BURRUS												
BX26.....	155	23.1	100	23754								
BX52.....	141	19.6	100	24000								
BX68.....	151	22.4	100	23783								
BX85.....	157	22.7	100	23976								
CALLAHAN												
19097X.....	137	19.5	99	23979								
C771.....	139	23.8	99	24000	180	21.5	99	23698	182	24.0	100	23692
C773.....	135	23.1	100	23972	190	22.8	99	23979	179	23.5	100	23692
C773A.....	146	23.8	100	24000								
CARGILL												
7877.....	160	23.0	100	23942								
7990.....	164	25.3	100	23969								
7993.....	162	22.7	100	24000								
8707.....	142	23.9	100	23704								
937.....	154	22.7	100	24000	180	21.8	96	23859	180	22.3	99	23846
971.....	145	26.3	99	23721	191	22.9	95	23784	180	23.2	99	23846
SX 352.....	132	23.2	99	24000	192	21.9	96	23444	189	23.8	100	24000
CFS												
6309.....	153	22.7	100	23990								
7501.....	144	22.7	100	23702	172	21.4	96	22822				

URBANA, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
CFS CONTINUED												
7707.....	145	24.0	100	23918	181	22.4	97	23359				
7801.....	130	22.3	98	23957	184	22.5	96	24000	175	23.5	100	24000
CHALLENGER												
CS407B.....	134	20.5	99	23967					169	21.3	100	23231
CS410.....	146	21.7	99	23936					167	20.4	99	24000
CS412.....	151	23.1	100	23968	180	21.8	98	24000	179	23.5	100	23538
CS415.....	137	23.6	99	24000	192	22.7	94	23938	172	23.6	100	22923
CS416.....	140	23.5	100	24000								
COKER												
8601.....	154	24.5	100	24000	168	20.8	95	22212				
8620.....	131	23.8	99	23994	171	22.7	92	22871				
8625.....	146	23.9	99	23976	179	22.4	98	22642	181	22.7	100	24000
CX 6407.....	153	23.2	100	23890								
CROW'S												
442.....	156	21.6	100	23979	178	23.0	98	23277				
444.....	131	19.0	99	23989	166	20.0	97	23789	170	21.0	100	23846
446.....	142	19.9	99	23694	162	20.2	95	22856				
482.....	143	22.0	100	24000								
488.....	150	21.8	100	23935	168	21.7	94	20801	184	21.4	100	24000
666.....	146	23.3	99	24000	163	23.0	99	21774	204	24.5	100	23385
688.....	133	24.7	100	24000	174	23.1	96	23861	170	25.3	100	24000
DAIRYLAND												
DX1013.....	160	21.9	99	23999	169	20.3	97	24000	175	21.2	100	24000
DX1015.....	135	24.1	100	24000	176	22.4	97	23137	171	22.9	100	24000
DX1017.....	142	23.7	100	23972	180	22.3	91	23012	191	24.2	98	24000
DX1018.....	151	25.1	100	24000	159	21.9	95	23584				
DX1019.....	136	24.8	100	23023	181	23.4	97	23520				
DX1107.....	136	21.7	100	24000	158	19.6	98	22961	177	20.0	100	24000
DX1108.....	128	20.5	99	24000								
DALE ROBINSON												
DR 301.....	132	20.7	99	23991	179	23.5	97	22846	170	23.2	100	22462
DEKALB-PFIZER												
DK-572.....	126	20.4	100	23641								
DK-636.....	138	23.1	100	23994	178	22.1	97	23584	172	23.7	100	24000
DK-656.....	146	22.8	100	24000	191	22.4	94	22041	186	23.6	100	24000
T 1100.....	154	21.4	98	23253	181	20.6	98	23928				
DOCKENDORFF												
7150.....	128	20.7	100	23901	168	19.6	97	22687	175	20.0	100	23692
7670.....	143	23.8	100	23456	177	22.2	96	22619	183	22.8	100	24000
7720.....	156	24.7	100	22212	172	21.9	96	23985				
Q 760.....	137	23.3	100	23990	190	22.1	97	21329				
DUESTERHAUS												
D1130.....	126	22.4	100	23700								
D1140.....	120	22.6	100	23598								
D1160.....	157	24.2	100	23440								
EK PREMIUM												
EK7732.....	135	19.0	100	24000	157	19.8	98	21629	161	19.1	100	24000
EK7740.....	141	20.2	100	23981	174	20.0	100	23665	163	20.1	100	21846
EK7740A.....	144	20.6	100	23976	164	19.7	97	23740				
EK7786.....	135	21.1	100	23815								
EK7796.....	137	23.1	100	23917	187	22.4	97	23145	183	23.4	100	24000
EK7796B.....	143	24.3	100	23627	159	20.9	99	23860	171	21.9	100	23846
EK7796C.....	144	23.7	100	24000	181	21.0	99	23029	183	22.5	100	24000
EK8805.....	130	23.0	100	23017	184	21.7	95	22482	194	24.4	100	24000
EK9900.....	137	26.9	100	23931	187	24.7	96	24000	193	25.2	100	24000
EK9920.....	128	27.0	100	23991	162	23.8	94	23095	179	25.8	100	24000
EXSEED												
XS-1081.....	145	21.9	100	23717								
XS-1092.....	121	22.7	99	23999								
XS-1131.....	150	26.1	100	23729								
XS-1132.....	145	23.4	100	23719								
XS-1151.....	150	24.6	100	23991								
FEDERAL												
FX67A.....	133	23.4	97	23985								
FX67B.....	139	24.8	100	20853								
FX68.....	130	25.0	100	23848								
FREY												
FX45.....	139	22.5	100	24000	178	20.6	96	23923	170	22.3	100	24000
FX75.....	140	23.7	100	23437	178	22.8	96	22458	185	24.3	100	24000
FUNK'S												
G-4326.....	135	20.8	100	23975	161	20.5	96	24000	164	19.9	100	24000

URBANA, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
FUNK'S CONTINUED												
G-4425.....	142	21.0	100	24000	167	19.2	98	23136				
G-4440.....	148	21.6	100	23972	175	21.1	96	24000	175	22.0	100	24000
G-4447.....	157	21.9	100	23972								
G-4513.....	152	22.9	100	23930	172	22.0	97	23875				
G-4522.....	147	24.6	100	23941	178	22.4	94	23334	184	23.1	100	24000
G-4543.....	145	23.9	99	24000	179	22.0	98	23425				
G-4626.....	148	26.0	100	23978	171	21.7	96	23669				
G-4635.....	160	24.8	100	24000	176	23.2	99	22188				
RA 1404.....	144	22.0	100	24000	180	21.0	97	24000	181	21.1	100	23385
GARST												
8344.....	150	23.4	100	21781	176	22.6	97	22613	183	23.7	100	24000
8345.....	126	23.7	100	23696	192	24.5	97	24000	183	23.7	100	24000
8388.....	139	22.3	99	23974	180	22.6	93	24000				
8393.....	153	24.0	100	24000								
8538.....	141	22.1	100	23837	178	23.3	97	24000	181	22.4	98	24000
8555.....	134	20.1	100	23606					172	20.1	100	24000
8711.....	135	16.8	98	23607					155	17.6	100	23538
GOLDEN HARVEST												
EX 466.....	142	20.4	99	23718								
EX 480.....	138	21.6	99	23315								
EX 536.....	160	20.5	100	23723								
EX 710.....	151	17.8	100	24000								
H-2465.....	139	19.8	100	23853								
H-2480.....	134	17.9	99	23566	170	19.4	99	23218	177	18.7	100	24000
H-2492.....	148	18.4	100	23548	186	19.4	96	23962				
H-2568.....	143	21.9	100	23999	185	21.6	95	23594				
H-2572.....	135	23.3	100	22600					175	23.4	100	24000
GREAT LAKES												
85591.....	136	23.1	100	23998								
86636.....	154	22.9	100	23599								
GL 584.....	140	19.8	99	23744								
GL 599.....	144	23.1	99	23981	181	22.8	99	24000	188	23.2	100	24000
GRIFFITH PURE LINE												
PL 126.....	136	20.5	100	23160	171	22.4	100	23827				
PL 235.....	146	23.8	100	23597	166	22.3	97	23295				
PL 280.....	150	22.6	100	23797	178	21.6	99	23418				
PL 299.....	137	24.2	100	23282	190	22.5	95	22674				
GROWMARK												
FS 6621.....	143	21.8	99	23985								
FS 675.....	154	21.1	100	23677	173	20.9	98	23880	178	21.3	100	24000
FS 6933.....	153	23.1	100	24000	180	21.9	98	23327	182	22.3	100	23692
HOBLIT												
426.....	159	23.0	100	23326	189	21.4	97	23685				
436.....	157	24.4	100	23993								
440.....	140	23.2	100	24000	190	22.9	97	23871	206	22.7	100	24000
HUBNER												
H3214.....	135	23.8	100	23928	192	22.5	96	23950	183	23.7	100	24000
H3305.....	130	20.2	100	23928	165	20.4	99	23509	172	20.4	100	24000
H3307.....	144	21.5	100	23157	180	20.0	99	23807	180	20.8	100	24000
H3313.....	145	23.3	100	22871	182	24.0	96	24000	192	22.7	100	23692
H3314.....	150	25.3	100	23462	172	23.3	94	21073	174	23.2	99	24000
H3315.....	155	23.8	100	23916								
H8509.....	152	23.8	99	23977								
H8609.....	132	20.0	100	23992								
H8612.....	149	22.4	100	23958								
H8616.....	141	24.7	100	23845								
JACQUES												
7820.....	143	23.3	100	23963								
7900.....	133	23.4	100	23985	189	22.9	96	23610				
8210.....	158	25.6	100	24000								
LEADER												
SX535.....	146	21.6	100	23988								
SX575.....	156	21.7	100	23711					176	21.7	100	24000
SX605.....	153	22.7	100	23715								
SX615.....	139	23.6	100	23722								
LEWIS												
5106.....	154	23.4	100	23842	173	21.6	96	23914				
5595.....	154	23.3	100	23996	173	21.5	95	24000				
5910.....	145	24.1	99	23971	181	21.3	97	23851	189	21.6	100	24000
6756.....	160	28.4	100	23915								

URBANA, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
LYNKS												
DS432.....	153	22.9	100	23977								
LX4348.....	138	22.1	100	24000	160	21.3	98	21768				
LX4355.....	149	24.9	100	23964	195	21.5	97	23938	189	23.2	100	23692
LX4406.....	159	25.3	100	23964								
MCALLISTER												
SX7300N.....	143	22.9	100	23978	166	23.4	98	23580				
SX8009A.....	169	23.8	100	23027								
SX8310.....	137	23.7	100	24000	179	22.1	97	21515	176	23.6	100	23846
SX8406.....	139	22.3	100	23040	168	20.6	95	23420	188	20.8	100	23692
SX8408.....	142	23.4	99	23728					185	23.6	100	23692
SX8410.....	151	23.1	100	24000	172	21.6	97	23062	188	23.0	100	23231
SX8611.....	152	23.3	100	23864	167	21.7	99	23488				
MCCURDY												
5750.....	136	20.1	100	23871								
5990.....	132	20.2	98	24000								
7277.....	139	23.4	100	24000	191	22.4	94	23946	188	23.0	100	24000
7384.....	139	23.4	100	23730	180	22.3	95	24000	189	23.2	100	24000
7700.....	150	26.2	100	22622								
NC+												
5990.....	144	23.0	100	24000	178	21.4	97	24000	190	23.8	100	24000
6190.....	145	24.8	100	23728	175	21.1	91	21191	198	23.8	99	24000
6414.....	138	23.4	100	24000								
6881.....	139	24.3	100	24000	187	23.6	96	23733				
NOBLE-BEAR												
NB2562.....	140	23.0	98	24000	179	21.9	98	23862	178	23.3	100	24000
NB422.....	151	22.8	100	24000	174	20.1	98	22445				
NB446.....	145	21.8	100	24000	148	22.7	99	22892	176	21.9	100	23846
NB810 AA.....	144	24.0	100	24000	176	21.6	93	24000	180	23.1	100	23692
NB812.....	135	23.5	100	24000	175	23.3	99	22284	183	25.6	100	23692
NB848.....	145	25.4	100	24000								
NBT-860.....	141	24.3	100	23996								
NORTHUP KING CO.												
PX 9527.....	134	22.2	99	24000	178	19.8	96	22418	182	21.9	100	24000
PX 9540.....	146	23.9	100	24000	169	21.8	97	22596	173	23.0	100	24000
PX 9584.....	133	23.4	100	24000								
X 4325.....	135	17.9	100	24000	176	19.0	96	23584				
X 5225.....	152	22.3	100	24000								
PAYCO												
SX 860.....	144	21.3	100	24000	174	19.1	96	23734	172	23.3	99	24000
SX 900.....	144	23.9	98	24000	183	22.3	98	22907	200	24.0	100	24000
SX 925.....	136	22.7	100	24000	177	21.4	94	23787	184	22.2	99	23692
PFISTER												
2600.....	149	21.9	100	24000								
3340.....	137	23.4	100	24000								
3451.....	148	25.2	100	24000								
POCKLINGTON												
P451.....	140	23.1	100	23317	165	20.0	96	24000	175	22.9	100	24000
P51A.....	146	23.6	99	23589								
P641.....	140	26.6	100	23996	184	22.9	96	23167	178	27.3	99	23385
P641A.....	152	26.1	100	22214								
P6441B.....	115	22.2	99	23865								
P673.....	121	21.4	100	23997								
PRAIRIE STREAM												
M4400.....	124	21.4	100	23996	149	19.0	98	23961				
M6700.....	143	21.3	100	23999								
SX485.....	137	20.9	100	23176	171	19.6	98	23272	173	20.3	100	23692
SX502.....	154	22.1	99	23996	166	20.3	95	23466				
SX555.....	128	23.4	100	23996	177	21.8	95	23215				
SX702.....	151	25.2	100	24000	172	19.2	77	22392				
SX725.....	140	24.8	100	23587								
PRIDE												
5547.....	132	20.1	100	24000								
6692.....	136	22.3	98	24000	163	21.0	99	23428	170	22.2	100	24000
7705.....	115	23.6	100	24000	183	21.8	98	22728	193	23.2	100	24000
EXP117.....	148	24.7	100	24000	166	23.4	98	22273				
X1137.....	134	24.4	100	24000								
PURPLE RIBBON												
PR 550.....	129	20.8	100	24000	171	19.1	95	24000				
PR 610.....	134	21.9	99	23587	169	18.6	98	22967				
PR 630.....	146	23.1	98	24000	173	21.5	97	23687				
PR 670.....	141	24.6	100	24000	173	21.6	96	24000				

URBANA, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
S BRAND												
SS 54A.....	150	22.0	99	23459								
SS 61B.....	129	22.3	99	23311								
SS 62A.....	149	22.7	100	23994	184	19.7	91	23698				
SS 62B.....	147	22.6	100	23999								
SS 63B.....	146	23.6	100	24000	159	23.5	99	23151				
SEDEX												
1080.....	147	21.7	100	24000	184	19.9	96	23864				
1120.....	148	23.4	100	23594	174	21.8	96	21868				
1151.....	145	23.0	100	24000								
SEEDTEC												
ST-7500.....	152	21.3	100	24000								
ST-7640.....	136	20.2	100	23590								
ST-7680.....	141	23.0	100	24000								
SHISSLER												
GR-8 178.....	142	21.5	100	24000	174	19.9	97	24000	172	21.1	100	24000
GR-8 186.....	146	23.0	100	23865	180	21.6	98	23470	190	23.1	100	24000
GR-8 189.....	164	25.2	100	23997								
SOLAR												
SO-4010.....	144	23.0	100	23725								
SO-4020.....	131	23.4	100	24000								
SO-5040.....	142	26.6	100	24000								
SOUTHERN STATES												
SS 565.....	132	20.4	100	24000	168	18.5	96	22818	168	21.4	100	24000
SS 680.....	149	20.9	100	23999	183	19.1	96	23738	172	22.1	100	23077
SS 728.....	143	24.5	100	24000	179	21.6	92	22665	191	22.7	100	24000
SS 811.....	113	26.5	100	23999	164	22.8	91	23932	187	25.6	99	24000
STAUFFER SEEDS												
S 7751.....	139	23.9	99	24000	182	21.4	100	23799	197	22.5	100	24000
STEWART												
7355.....	135	24.0	100	24000	186	21.4	85	23247				
7356.....	145	24.5	100	24000								
7366.....	145	22.8	100	23717	173	21.9	92	23863				
7367.....	156	27.6	100	24000								
EXP 7393.....	140	28.1	99	24000	179	19.9	93	22640				
STONE SEED FARMS												
SX293.....	139	24.2	99	23730								
SX309.....	153	22.3	99	24000	188	21.3	98	23385				
SX337.....	144	23.7	100	23996	181	20.9	94	23863	189	23.9	99	23385
SX35.....	149	22.0	100	23867	186	18.7	99	23908	183	21.3	100	24000
SX36.....	150	25.3	100	23873	175	21.8	97	23413	184	22.4	100	23385
SX363.....	146	25.3	99	23727	168	22.2	99	23454				
SX434.....	129	25.4	100	23727	168	23.0	98	23515	190	25.9	100	24000
STURDY-GROW												
360WC.....	131	24.5	100	22211	182	21.9	95	22514				
618.....	147	23.2	100	22896								
621.....	146	21.1	100	24000	171	20.1	99	23982	177	21.6	100	24000
778W.....	118	21.8	99	23870	147	21.9	97	23125	153	21.8	100	23846
785W.....	123	23.9	100	24000	150	21.2	92	21827				
805A.....	142	25.5	100	24000	173	21.1	88	24000	194	24.8	99	23692
815.....	133	23.5	100	23592	174	21.7	99	23343	201	23.1	100	24000
826.....	149	25.0	100	24000								
829A.....	152	26.8	99	24000								
86AE297.....	128	28.8	100	24000								
87BE467.....	122	24.9	99	24000								
903W.....	114	22.3	99	24000	133	21.6	96	20327	133	22.0	100	23231
905W.....	122	26.6	100	23730	157	23.3	96	22119				
909W.....	126	23.3	100	23717	150	20.8	96	23818				
933W.....	104	29.6	100	21383	136	24.5	97	23190				
935W.....	77	29.6	100	23603	136	24.4	82	23136				
973W.....	131	23.0	100	24000					178	24.0	100	24000
SUN PRAIRIE												
SP2032.....	149	21.1	100	24000	174	19.9	97	23828				
SP2258.....	162	23.3	100	24000								
SP230.....	146	21.1	100	23452	181	20.1	96	23690	177	20.2	100	24000
SP275.....	136	23.3	100	24000	157	21.6	99	23229	188	22.4	100	24000
SP2750.....	142	23.6	100	24000	169	21.4	97	23802	177	22.1	100	23692
SP2808.....	147	22.7	98	24000								
SP3150.....	146	24.4	100	24000	185	21.4	95	24000	179	23.6	100	24000
SP3300.....	127	23.4	100	24000								
SP4400.....	137	21.6	100	23868								

URBANA, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
SUPER-CROST												
5415.....	129	24.5	100	24000					185	22.1	100	24000
5438.....	134	23.3	100	24000	181	22.1	99	23779	188	24.7	100	24000
5460.....	142	24.2	98	24000	187	22.0	93	23936	182	22.1	100	24000
TABOR												
T-5200.....	136	23.6	100	24000	176	21.6	98	22684				
T-5305.....	132	25.0	100	24000	187	23.4	94	23835				
TERRA												
TR 1040.....	137	19.4	100	23869								
TR 1060.....	145	21.9	100	24000	181	21.3	97	23178				
TR 1120.....	128	24.2	100	24000	186	21.1	99	24000				
TR 1125.....	143	23.6	100	24000								
TR 3103.....	156	21.9	100	24000					177	21.8	100	23846
TR 3400.....	145	23.3	100	24000	187	21.5	94	22387	176	23.9	100	23846
TR 59.....	131	24.3	100	23728	167	21.8	95	22400	188	23.2	100	24000
THOR-O-BRED												
SX 544.....	138	24.2	100	24000	193	21.7	96	23841	192	23.3	100	24000
SX 544A.....	129	22.9	100	24000	190	21.0	98	23952	170	23.6	100	23385
SX 550.....	144	23.9	100	24000	182	22.0	95	23652				
SX 580.....	136	24.3	100	24000								
TRISLER												
87-1.....	126	27.2	100	23740								
87-3.....	152	23.3	100	24000								
T-2995.....	146	21.9	100	24000	181	20.2	97	23969	168	22.0	100	23846
T-5250.....	145	21.6	100	24000	161	20.1	97	23252	157	21.6	100	23692
T-5330.....	148	23.1	100	24000	203	23.6	99	22851	191	22.9	100	24000
T-5380.....	153	24.0	100	24000	172	21.5	97	23986	186	24.3	100	24000
T-5460.....	142	24.5	100	23734	192	22.2	97	23888	182	24.0	100	24000
T-5580.....	120	23.6	99	24000	185	21.1	96	23559	186	23.3	100	24000
T-6330.....	152	24.0	100	23995								
UNITED FARMERS												
U-105.....	94	17.3	98	23184					153	19.2	100	24000
U-320.....	145	20.7	100	24000	170	19.7	100	23376	181	22.1	100	24000
U-351.....	145	21.5	99	23728					167	21.7	98	23692
U-351A.....	122	21.5	100	23870	172	18.7	97	23200				
U-500A.....	136	23.3	100	23872	176	22.4	95	22872				
U-523.....	154	24.7	100	23874	162	21.3	98	23756				
UPHOFF												
620.....	149	19.4	100	24000	157	18.9	96	23736	156	20.0	100	24000
634.....	152	20.9	99	24000								
638.....	159	22.5	100	24000	161	20.2	98	23938	182	22.3	100	24000
644.....	147	25.5	100	24000	169	22.2	98	23301	168	23.6	99	22000
644A.....	151	24.3	100	23733	156	21.2	97	22050				
645.....	144	23.5	99	23867	177	22.3	92	22934	174	23.2	100	24000
645A.....	132	23.6	100	24000	195	21.7	98	23577				
670.....	133	24.4	100	24000	165	22.2	100	23560				
EX300.....	136	19.9	100	24000								
EX400.....	145	23.8	100	24000								
VINEYARD SEED CO.												
FC 521.....	120	21.9	100	24000								
FC 530.....	158	21.9	100	24000	169	20.7	97	23907				
FC 535.....	129	22.7	100	24000	187	20.7	99	22501				
FC 550.....	152	24.5	100	23730	196	22.2	97	24000	192	22.8	100	24000
FC 575.....	119	24.9	100	24000					183	26.4	99	24000
V 415W.....	123	19.8	100	24000								
V 417W.....	127	20.9	100	23590								
V 418W.....	129	22.9	99	24000	158	20.1	96	23290	168	22.9	100	24000
V 423W.....	141	25.8	100	24000	157	23.9	98	22546	195	24.1	100	23846
V 424W.....	141	23.3	100	24000	160	22.1	97	23818				
V 425W.....	149	24.9	100	24000	172	20.3	95	23053				
VORIS												
V 2471.....	143	20.2	100	24000	171	19.4	95	24000				
V 2495.....	144	23.0	100	24000								
V 2515.....	155	21.1	100	24000								
V 2531.....	155	23.6	100	23599	177	21.3	89	24000	189	23.4	100	24000
V 2565.....	138	24.5	100	24000	172	21.6	95	23756				
WATSON SEED FARMS												
W-390.....	161	23.5	99	24000								
W-400.....	155	24.6	100	23604	182	21.5	98	23784				
W-427.....	141	25.3	100	23871								
W-454.....	151	26.2	99	23184	197	24.5	97	22292				

URBANA, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
WHATA HYBRID												
538.....	153	21.0	100	21802								
539.....	144	22.4	100	23500								
571.....	138	24.4	100	24000								
573.....	144	23.5	100	23133								
WHISNAND												
51W.....	115	20.5	100	24000	162	20.1	96	23322				
53AW.....	110	23.2	100	24000								
57W.....	128	23.5	100	23737	128	22.3	99	22716	141	22.9	95	24000
58W.....	133	25.9	100	24000	158	22.6	83	23919				
73W.....	123	28.6	100	23316	174	26.4	89	22670	175	29.1	96	24000
80A.....	148	25.6	100	23320	164	20.6	88	22974	184	25.4	96	24000
82.....	126	23.5	100	24000	161	22.8	96	23778				
83.....	138	21.6	100	24000	160	18.9	96	23922	172	23.5	100	24000
84WC.....	175	23.7	100	21247	179	22.3	97	22896				
AVERAGE.....	142	23.1	100	23826	172	21.5	96	23249	177	22.9	100	23807
L.S.D. 10% LEVEL.....	16	1.2	1	692	17	1.6	5	1876	15	1.7	1	825
L.S.D. 30 % LEVEL.....	10	.7	1	436	11	1.0	3	1182	9	1.1	1	520
STD ERR OF CULTIVAR MEAN.	7	.5	0	298	7	.7	2	806	6	.7	0	354

PERRY (24,000 PLANTS PER ACRE AND 30-INCH ROW SPACING)

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
AGRATECH												
GK 750.....	126	18.4	100	23998	146	17.0	87	22745	152	22.1	98	24000
GK 850.....	88	20.0	100	23200	141	18.4	90	24000	167	23.6	94	23867
AGRI GOLD												
A6550.....	87	16.1	99	23997								
A6611.....	110	17.2	100	23998								
A6615.....	109	19.4	100	24000								
A6655.....	89	19.2	99	24000								
AGRIGENE												
AG 7400.....	115	18.9	100	23999								
AG 7970.....	101	20.0	100	23995								
AGRIPRO												
820.....	101	17.5	100	23600								
AP 510.....	93	18.3	100	23996								
AP 670.....	115	18.3	100	23730								
AINSWORTH												
X-416.....	101	19.5	100	24000	147	17.0	77	23732	163	21.4	97	24000
X-613.....	122	17.9	100	22930								
X-616.....	111	18.5	100	23200								
X-617A.....	97	19.4	100	23597	134	18.1	95	22626	158	22.8	97	23600
AMERICANA												
4040.....	89	18.1	100	24000	144	17.0	88	24000	158	22.0	94	24000
4730.....	82	18.6	99	23865	146	18.7	94	23193	162	24.3	95	24000
4780.....	98	20.2	100	23869	134	17.8	94	24000	155	24.8	97	24000
C 601.....	107	18.6	99	23865	135	17.0	98	23810				
ASGROW/O'S GOLD												
RX788.....	101	17.2	99	23464	164	17.4	94	23806	146	22.7	97	24000
RX860.....	103	19.5	100	23997								
BO-JAC												
601.....	91	19.8	100	23866								
603.....	97	17.0	100	23865	157	17.7	94	24000				
6503.....	113	20.9	100	24000								
BURRUS												
BX71.....	96	17.2	100	23997	145	15.7	93	24000				
BX85.....	104	17.4	100	23999								
CARGILL												
7877.....	111	18.7	97	23064								
7993.....	95	18.2	100	23998								
8990.....	78	21.1	100	23998								
971.....	88	18.2	99	23732	147	18.3	81	23861	160	23.5	91	24000
SX 352.....	90	18.1	99	23861	129	17.7	91	23354	136	21.7	92	23867

PERRY, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
COKER												
8601.....	109	18.9	100	23999	178	16.2	96	20152				
8620.....	92	17.2	98	23997	143	17.0	92	22523				
8625.....	103	18.9	100	23998	149	16.9	96	23627				
CX 5067.....	110	20.6	100	23597	143	17.8	94	21350				
CX 6407.....	103	17.5	99	23999								
CROW'S												
442.....	93	16.1	100	22667	145	15.8	96	19166				
482.....	105	16.0	100	23999								
488.....	120	16.4	100	23999	146	16.3	88	24000				
DEKALB-PFIZER												
DK-636.....	101	17.7	99	23997	150	17.4	92	23284	157	22.1	97	23600
DK-656.....	104	18.0	100	23333	140	16.7	88	23584				
DK-711.....	91	20.1	100	23998								
DUESTERHAUS												
D1130.....	97	17.6	100	24000								
D1140.....	100	18.3	100	23331								
D1160.....	113	18.3	100	24000								
EK PREMIUM												
EK7740.....	94	16.1	100	23998	143	15.6	77	23099	150	19.8	98	23600
EK7786.....	95	16.1	100	23999								
EK7796.....	106	18.9	100	24000	156	16.9	95	23168	166	22.2	96	24000
EK7796B.....	107	17.9	100	23997								
EK7796C.....	102	17.8	100	23995	148	17.3	96	24000	145	22.2	98	23867
EK8805.....	105	17.4	100	23201	125	17.4	92	23929	159	21.2	96	24000
EK8805A.....	105	17.5	99	23996	149	17.0	84	23949	157	21.4	94	23867
EK9900.....	86	18.8	99	23995	135	18.9	93	24000	157	23.9	89	23067
EX806.....	78	16.9	100	23997								
EX809.....	77	16.1	94	24000								
GARST												
8344.....	110	19.3	99	23600	117	18.0	77	22734				
8345.....	70	18.6	100	23464	127	17.5	82	23904	159	20.9	95	23067
8388.....	94	18.9	100	23602	150	17.5	95	22521				
8538.....	105	17.6	99	23999					166	21.5	96	24000
GOLDEN ACRES												
T-E 6930.....	101	16.3	99	23730	111	16.9	81	22130				
T-E 6988.....	109	17.4	100	24000	138	17.1	91	20680				
T-E 6994.....	115	18.1	99	24000	155	17.5	91	23121	146	20.8	92	24000
T-EX 1151.....	87	17.7	100	24000								
GOLDEN HARVEST												
EX 536.....	102	16.7	98	23999								
H-2568.....	96	17.2	96	23997								
H-2572.....	99	17.4	99	23997								
H-2671.....	95	19.1	99	23598								
GROWMARK												
FS 6933.....	106	18.5	100	22800	147	16.6	86	23204	167	22.3	97	24000
FS 8475.....	103	19.2	97	24000	152	18.3	89	23727				
HOBLIT												
426.....	112	18.1	100	23329								
436.....	83	17.8	99	23863								
439.....	99	19.6	99	23865								
JACQUES												
7820.....	110	18.1	99	23998								
8210.....	110	21.0	99	23327								
LEWIS												
5595.....	110	16.7	99	23333								
5910.....	132	19.3	100	23995	150	17.2	89	24000	154	22.2	94	23200
5950.....	104	18.9	100	22530	160	17.0	96	22660				
6140.....	89	18.3	100	24000	122	17.2	95	23867	155	22.1	97	23600
6756.....	100	19.5	100	23994								
8550.....	114	18.6	99	23997	142	17.7	94	24000				
X948.....	102	20.9	100	23997	140	17.9	92	23977	142	22.2	99	22800
LYNKS												
LX4348.....	79	17.9	100	23463	151	16.2	96	21374				
LX4355.....	95	17.8	100	23996	117	17.4	83	23638	159	21.2	99	24000
LX4406.....	94	19.8	99	23996	145	17.6	98	23535				
MCALLISTER												
SX7300N.....	96	19.5	99	23998	162	18.0	92	23302				
SX8009A.....	100	18.3	100	23062	148	17.3	95	23866				
SX8310.....	94	19.2	99	23865	150	17.4	92	24000	160	22.2	96	23600
SX8408.....	104	18.1	100	23995					162	21.7	98	23600
SX8410.....	87	19.0	96	23996					155	21.1	93	22400
SX8611.....	105	17.9	100	23326	146	17.2	94	24000				

PERRY, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS /ACRE	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS /ACRE	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS /ACRE	PLANTS /ACRE
MCCURDY												
5750.....	100	15.0	98	23996								
7277.....	103	18.9	100	23997	123	17.2	93	21888				
7384.....	86	18.3	99	23997	135	17.0	84	23937	158	21.5	95	24000
NOBLE-BEAR												
NB2562.....	105	18.6	100	23997	132	17.9	94	23640				
NB810 AA.....	107	18.4	100	23997	140	17.0	90	22921				
NB812.....	106	19.9	100	23863	152	18.4	95	23698	165	23.2	97	24000
NORTHROP KING CO.												
PX 9540.....	103	18.7	100	23995	141	17.3	93	23276	152	21.2	98	24000
PX 9584.....	117	19.7	99	23997	135	17.9	92	24000				
X 5225.....	109	18.6	100	24000								
PAYCO												
SX 900.....	112	18.8	98	22661	130	17.6	90	23598	157	21.2	92	24000
SX 925.....	93	17.9	100	23993	151	17.1	93	23464	156	22.1	97	24000
PFISTER												
3340.....	97	18.3	100	23997								
3451.....	111	19.6	98	23992								
3900.....	100	19.1	99	23995	146	17.8	91	21915				
POCKLINGTON												
P381.....	89	18.2	100	23596								
P451.....	95	17.0	99	23992	151	16.0	95	23349				
P51A.....	109	17.0	100	24000								
P641.....	109	20.9	99	22395					154	24.2	96	23200
P641A.....	104	19.7	100	23461								
PRIDE												
7705.....	100	19.2	100	23064	144	17.0	91	23747				
EXP117.....	81	18.5	98	23864	149	17.3	94	23290				
X1137.....	94	17.3	100	23996								
S BRAND												
SS 54A.....	89	16.1	100	23995								
SS 61B.....	104	17.8	100	23994								
SS 62A.....	101	17.0	100	23996								
SS 62B.....	100	18.5	99	23866								
SS 63B.....	98	19.8	99	23993	146	17.5	94	20864				
SEEDTEC												
ST-7625.....	105	18.2	99	23994								
ST-7680.....	95	18.7	100	23995								
SHISSLER												
GR-8 186.....	108	17.9	100	23197	152	16.9	87	20314	165	21.7	98	24000
GR-8 189.....	110	18.1	100	23995								
SOLAR												
SO-4010.....	108	19.0	100	22795								
SO-4020.....	102	17.5	100	23998								
SO-5040.....	91	20.0	99	24000								
STONE SEED FARMS												
SX293.....	94	18.2	99	23198								
SX35.....	94	17.8	100	22928	149	16.3	93	24000	128	21.8	98	23200
SX36.....	109	20.0	100	23200	146	17.7	94	23381	160	21.4	99	24000
SX363.....	86	19.8	99	23997	126	17.2	92	22623				
SX434.....	76	19.6	100	24000	144	18.4	93	23831				
SUPER-CROST												
5415.....	89	19.0	100	23996								
5460.....	96	18.5	99	23729	150	17.1	96	24000	147	21.6	95	23733
TRISLER												
T-5330.....	91	17.8	100	23995	135	16.4	92	24000	154	21.8	96	24000
T-5380.....	83	18.8	100	23595	134	17.0	98	22333	152	22.7	98	24000
T-5580.....	93	18.8	98	23463	142	17.6	74	20887	159	21.2	94	24000
T-6330.....	99	20.4	100	23464								
T-7530.....	108	20.3	98	23864	152	18.3	95	23504	161	23.1	94	24000
UNITED FARMERS												
U-320.....	99	16.2	98	23461	154	16.8	93	23909	154	21.4	97	23200
U-351.....	92	16.6	99	23994					138	21.3	99	20400
U-500A.....	102	19.4	100	23996	123	17.4	92	23411	153	22.1	96	23067
U-523.....	90	19.2	100	23863	127	17.0	94	23902				
UPHOFF												
620.....	90	16.1	99	23998	135	15.6	84	19024	154	21.0	98	24000
634.....	106	16.7	100	23994								
638.....	98	17.3	100	23997	125	16.7	92	18074	157	21.1	94	24000
644.....	105	19.7	99	23996	136	16.6	86	23768	151	22.2	93	18800
644A.....	98	18.6	100	23996	123	16.6	96	23557				
645.....	85	18.5	100	23996	146	17.0	87	24000	156	21.4	95	23733

PERRY, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
UPHOFF CONTINUED												
645A.....	102	18.6	100	23996	148	16.8	92	20620				
670.....	88	20.1	99	23998	137	18.2	97	22696				
WATSON SEED FARMS												
W-396.....	102	17.4	97	23330								
W-400.....	113	19.6	99	23064								
WATSON SEED CONTINUED												
W-427.....	114	18.6	100	23995								
AVERAGE.....	100	18.4	100	23776	137	17.3	90	23038	152	22.0	95	23558
L.S.D. 10% LEVEL.....	13	.8	2	855	24	.7	12	2828	17	.9	4	1111
L.S.D. 30 % LEVEL.....	8	.5	1	539	15	.4	7	1782	11	.5	2	700
STD ERR OF CULTIVAR MEAN.	6	.3	1	366	10	.3	5	1212	7	.4	2	476

BROWNSTOWN (22,000 PLANTS PER ACRE AND 30-INCH ROW SPACING)

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
ADLER'S												
6100.....	87	19.5	99	21985								
88X.....	95	23.5	99	21308	157	27.1	92	22000	114	23.3	94	22000
AGRATECH												
GK 750.....	101	20.7	100	21992	156	22.7	97	21728	132	20.5	94	22000
GK 850.....	100	20.1	97	21965	139	24.4	95	21728	118	20.5	93	22000
GK 919.....	86	21.4	100	21359	139	25.2	90	22000				
AGRIGENE												
AG 7970.....	104	21.7	100	20635								
AINSWORTH												
X-416.....	98	19.9	100	21447	156	22.9	99	22000	123	19.5	96	22000
X-617A.....	103	21.4	100	21999								
X-920.....	93	21.1	100	21987	152	25.3	91	22000	137	22.0	91	22000
AMERICANA												
4040.....	92	19.1	100	22000	141	23.9	93	22000	113	19.9	97	22000
4730.....	90	19.0	97	20378					116	22.1	95	22000
4780.....	94	21.6	99	21459	148	23.2	97	21864	135	20.8	99	22000
C 601.....	108	20.4	100	22000	125	23.5	95	21728				
ASGROW/O'S GOLD												
RX860.....	95	19.5	99	22000	149	25.5	97	22000				
RX905.....	111	22.6	100	21458								
BURRUS												
BX26.....	106	20.7	100	21745								
BX71.....	101	18.6	100	22000	149	20.5	95	22000				
BX85.....	102	15.7	100	21998								
CALLAHAN												
19201X.....	93	19.5	100	22000								
C771.....	98	18.5	100	21462	150	23.0	99	22000	114	19.7	96	22000
C773A.....	90	20.1	100	22000								
CARGILL												
7990.....	97	20.2	100	22000								
7993.....	94	19.9	99	21990								
8967.....	92	21.3	100	21979								
971.....	83	20.3	94	21987	142	24.0	83	22000	110	21.1	95	22000
SX 352.....	99	19.7	99	19825	147	23.4	90	22000	119	19.8	91	22000
COKER												
8601.....	87	20.9	98	21880	148	22.7	100	22000				
8620.....	88	18.9	100	22000	130	23.3	89	21457				
8625.....	95	20.3	100	22000	149	22.6	99	21728	130	19.6	99	22000
CX 5053.....	106	22.3	100	22000								
CX 5058.....	107	18.3	100	20631								
CX 5067.....	105	18.7	100	19965	151	24.8	99	22000				
CX 6701.....	110	21.1	100	21995								
CROW'S												
482.....	89	15.7	96	21986								
488.....	103	16.8	99	21747	152	20.5	98	22000	124	18.8	92	21864
666.....	99	19.1	99	21990	148	23.7	97	22000	104	19.7	94	22000

BROWNSTOWN, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%ERECT PLANTS /ACRE	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%ERECT PLANTS /ACRE	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%ERECT PLANTS /ACRE	PLANTS /ACRE
CROW'S CONTINUED												
688.....	110	20.5	100	19966	145	24.8	91	22000	135	21.7	85	22000
DEKALB-PFIZER												
DK-636.....	101	19.9	99	21734	144	22.1	96	21593				
DK-711.....	102	22.5	100	21037								
EK PREMIUM												
EK7740.....	85	14.9	99	20383								
EK7786.....	89	17.7	99	22000								
EK7796.....	98	18.4	99	22000	153	21.6	99	22000	103	19.7	98	21864
EK7796B.....	91	19.6	99	21973								
EK7796C.....	93	18.9	99	21993	146	22.7	95	21728	103	19.9	96	22000
EK8805.....	87	18.9	99	21182	126	22.0	91	21728	121	19.3	92	21457
EK8805A.....	93	18.0	98	21996	129	22.7	91	22000	130	19.8	90	22000
EK9900.....	80	17.4	92	21996	132	25.3	88	22000	121	22.3	96	21593
EX806.....	85	18.5	100	21451								
EX809.....	64	16.6	94	21718								
GARST												
8185.....	100	21.3	99	21986								
8344.....	101	21.5	100	21199	141	22.3	97	22000	133	19.1	97	21593
8345.....	87	18.8	100	21326	129	24.0	97	20778	119	20.1	96	21593
8388.....	99	18.8	100	21465	131	22.9	95	22000				
GOLDEN ACRES												
T-E 6930.....	91	16.8	94	21858	130	23.2	92	22000				
T-E 6988.....	102	18.4	98	21888	155	22.9	90	21457				
T-E 6994.....	85	19.8	100	20390	136	22.8	95	22000	113	20.2	90	22000
T-EX 1151.....	93	19.2	99	22000								
GROWMARK												
FS 6933.....	104	20.0	100	22000	141	22.3	97	22000	114	20.0	95	22000
FS 8475.....	86	23.1	99	22000	139	24.4	99	21457				
HOBILT												
436.....	89	18.8	100	20936								
442.....	111	21.3	99	21976	148	26.2	98	21593	117	21.7	95	22000
443.....	93	18.2	100	21720					106	19.7	98	22000
JACQUES												
7900.....	98	18.4	94	21987	140	23.0	87	22000				
8210.....	100	21.8	100	20904								
LEWIS												
8550.....	91	21.0	99	19930	122	24.9	97	22000				
X94B.....	111	21.9	100	21897								
LYNKS												
DS645.....	91	22.1	100	22000								
LX4488.....	98	20.2	100	22000	139	26.0	96	22000	122	21.6	96	22000
LX4533.....	107	21.9	100	21058	130	24.5	100	22000				
MCCURDY												
7384.....	90	19.8	99	20900								
7700.....	102	21.7	100	17773								
8172.....	94	22.1	98	21987	116	27.1	68	22000				
NC+												
5990.....	89	18.7	100	21860								
6190.....	95	19.6	99	20775								
6414.....	84	19.2	100	21302								
6881.....	92	20.8	100	21722								
NOBLE-BEAR												
NB2562.....	101	19.6	100	21852	128	23.0	100	22000				
NB810 AA.....	123	18.7	100	21733	144	22.5	93	21185				
NB812.....	89	20.8	97	21993	141	24.2	100	22000				
NORTHROP KING CO.												
PX 9540.....	96	19.1	100	21983	138	22.5	94	22000	102	20.1	96	21728
PX 9581.....	111	21.0	99	22000					113	21.6	86	22000
PX 9584.....	98	19.9	98	22000	133	24.3	97	22000				
PX 9685.....	113	23.2	100	21565								
PAYCO												
SX 900.....	85	20.2	99	21721	131	23.5	95	22000	127	20.2	88	21728
SX 912.....	96	20.5	98	21584	143	22.5	90	22000				
PFISTER												
3451.....	87	19.4	99	22000								
3900.....	99	21.6	100	21049	145	25.0	99	20778	129	20.6	99	22000
POCKLINGTON												
P51A.....	102	18.6	100	21167								
P6441B.....	77	18.6	99	21885								
P673.....	86	17.7	98	21980					104	21.3	86	22000
P71.....	94	21.7	100	20358								

BROWNSTOWN, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	XERECT PLANTS /ACRE	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	XERECT PLANTS /ACRE	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	XERECT PLANTS /ACRE	PLANTS /ACRE
PRINCETON												
SX475.....	104	17.4	100	21037	151	22.0	97	21593	126	19.4	96	21593
SX820.....	102	20.8	100	21064								
SX830.....	111	22.8	100	19428	141	24.4	99	22000				
S BRAND												
SS 54A.....	97	17.1	100	20498								
SS 618.....	96	18.4	99	21443								
SS 62A.....	100	15.5	99	22000								
SS 62B.....	80	18.2	99	21982								
SS 63B.....	96	19.2	99	21606	121	23.7	98	21049				
SEDEX												
1120.....	87	19.2	99	22000								
1151.....	90	19.4	99	21853								
1160.....	103	17.9	98	21191								
SEEDTEC												
ST-7625.....	110	18.4	100	21476								
ST-7680.....	93	20.5	100	21181								
SHISSLER												
GR-8 186.....	87	19.3	100	22000	138	22.5	99	22000	102	20.0	95	21864
GR-8 189.....	101	19.0	100	21572								
GR-8 194.....	83	18.8	99	20923	142	25.7	96	22000	118	21.9	97	22000
SOLAR												
SO-4010.....	105	20.1	100	21181								
SO-4020.....	85	18.6	99	21986								
SO-5040.....	95	21.5	99	22000								
STONE SEED FARMS												
SX35.....	98	17.7	99	21064								
SX36.....	99	21.1	99	21438	149	23.3	94	22000	120	20.1	94	22000
SX434.....	104	23.1	100	21992	146	24.5	98	22000	110	21.3	97	20778
SUN PRAIRIE												
SP2750.....	91	19.5	100	21759								
SP3150.....	105	19.0	100	20511	132	22.4	99	21593	107	19.8	96	21728
SP3300.....	106	20.0	98	20502								
SP4400.....	95	17.6	99	20641								
SUPER-CROST												
5460.....	97	20.9	100	22000	147	23.0	99	22000	116	19.9	91	22000
EXP 87219.....	76	21.4	100	21982								
TABOR												
T-5200.....	100	20.0	100	21461	152	22.9	97	22000				
T-5305.....	105	22.6	99	21840	130	24.9	99	22000				
TERRA												
TR 1120.....	95	20.1	100	21988	137	22.9	96	22000				
TRISLER												
87-1.....	104	20.7	99	21854								
87-2.....	103	23.4	100	21986								
T-5330.....	103	20.7	100	22000	148	22.5	95	22000	120	19.3	97	22000
T-5380.....	103	18.7	100	21965	134	21.8	99	21457	109	20.4	96	21864
T-5460.....	98	19.8	99	20778	158	23.4	97	22000	108	20.2	88	22000
T-5580.....	104	20.1	100	21984	136	23.4	94	21728	111	19.7	95	22000
T-6330.....	105	19.0	99	21720								
T-6850.....	104	21.2	100	22000								
T-7530.....	95	21.8	98	21977	139	24.4	98	22000	133	21.1	86	22000
UPHOFF												
644.....	102	18.5	100	21743	128	23.4	99	22000	89	19.6	97	18333
644A.....	102	19.4	100	21989	138	22.3	98	22000				
645.....	104	19.4	100	21991	138	23.2	96	22000	119	19.8	92	21728
645A.....	101	20.7	100	21993	146	22.1	100	21049				
670.....	110	21.6	100	22000	142	24.4	100	22000				
VINEYARD SEED CO.												
FC 535.....	84	18.3	99	21579								
FC 550.....	107	18.5	99	22000	139	22.0	100	22000				
FC 575.....	105	19.9	98	21059								
V 424W.....	88	20.7	100	21041								
V 58W.....	90	19.5	100	21994	137	25.1	91	22000	124	21.3	91	22000
VORIS												
EXP 1482.....	96	21.2	98	21329								
V 2495.....	106	17.7	99	20216								
V 2531.....	104	19.5	99	21429	140	22.9	88	22000				
V 2625.....	103	22.0	99	21711	137	24.3	98	21457				
WATSON SEED FARMS												
W-407.....	94	20.4	100	22000								
W-427.....	96	19.5	99	20480								

BROWNSTOWN, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
ZIMMERMAN												
Z-27.....	90	23.0	99	22000	152	23.8	94	21728				
Z-28.....	111	20.2	100	21589	132	24.3	100	22000				
Z-38.....	96	19.7	98	21957								
AVERAGE.....	97	19.8	99	21538	139	23.6	95	21814	114	20.7	93	21842
L.S.D. 10% LEVEL.....	14	1.4	3	1233	16	1.3	7	923	19	.7	6	650
L.S.D. 30 % LEVEL.....	9	.9	2	777	10	.8	4	582	12	.5	4	410
STD ERR OF CULTIVAR MEAN.	6	.6	1	529	7	.5	3	396	8	.3	3	278

CARBONDALE (22,000 PLANTS PER ACRE AND 30-INCH ROW SPACING)

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
AGRATECH												
888.....	88	20.0	98	21878					132	27.2	100	21980
AGRIGENE												
AG 7970.....	82	18.9	97	21535								
ASGROW/O'S GOLD												
2570.....	81	16.2	97	21959	130	18.4	99	21708	145	24.3	100	21993
RX905.....	99	17.8	99	21094								
CALLAHAN												
19019X.....	97	19.7	99	21858	130	20.4	100	21941				
19211X.....	89	19.4	99	19914								
19765X.....	82	20.7	96	22000								
C773.....	76	16.2	100	22000	123	18.8	98	20534	139	24.5	99	22000
CARGILL												
7990.....	94	17.2	96	22000								
7993.....	68	16.6	100	21729								
8967.....	87	19.4	97	21087								
971.....	78	17.2	97	21546	111	19.3	97	21969	139	25.3	100	22000
SX 352.....	106	16.4	100	21539	123	18.0	97	21995	141	25.2	100	21981
COKER												
8620.....	78	15.9	97	21924	121	19.2	100	21958				
8625.....	70	16.6	97	22000	132	19.6	100	21947	141	24.1	100	21450
CX 5053.....	76	20.5	98	21945								
CX 5058.....	80	17.3	99	21824								
CX 5059.....	79	19.0	99	21653								
CX 5067.....	79	15.7	90	21963	133	22.3	98	21264				
CX 6701.....	77	17.4	97	21962								
DUESTERHAUS												
D1160.....	80	17.2	99	21395								
EK PREMIUM												
EK7786.....	76	16.1	98	21336								
EK7796.....	75	17.1	100	21943	97	18.6	99	22000	129	24.2	100	22000
EK7796B.....	87	16.8	100	21708								
EK7796C.....	68	16.5	100	21913	127	19.8	99	21981	142	24.4	100	22000
EK8805.....	76	16.4	100	21754	88	18.2	99	21758	146	25.3	100	21993
EK8805A.....	67	16.3	98	21943	94	18.1	96	22000	146	24.5	100	21998
EK9900.....	87	17.7	97	21854	130	21.9	100	21926	148	29.0	100	21590
EK9920.....	88	21.3	89	21913	104	21.2	98	22000	132	29.6	99	21991
EX806.....	60	15.6	99	21756								
EX809.....	51	14.4	99	22000								
FUNK'S												
G-4513.....	70	16.8	98	21963	122	18.8	99	22000				
G-4522.....	79	16.7	98	21948	123	20.4	100	22000	145	25.6	100	21860
G-4543.....	76	17.7	100	21751	128	18.9	98	21936				
G-4626.....	90	17.4	95	22000	97	20.1	100	21760				
G-4635.....	82	18.4	98	21898	86	20.7	100	21973				
G-4666.....	86	19.7	98	21675								
GOLDEN ACRES												
T-E 6930.....	64	14.6	94	21947	118	18.4	97	21912				
T-E 6988.....	89	16.6	98	22000	102	17.7	99	22000				
T-E 6994.....	99	16.6	100	22000	126	19.9	96	21520	135	24.1	100	22000
T-EX 1151.....	67	16.3	100	21942								

CARBONDALE, continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
GROWMARK												
FS 6733.....	89	17.0	100	21948	136	19.9	100	21696	140	24.0	100	22000
FS 8475.....	82	19.4	97	21969	122	21.5	96	21381				
JACQUES												
7900.....	79	15.3	98	21942								
8210.....	88	18.2	97	21708								
JADER												
116.....	86	15.3	97	20641	119	19.7	99	21570	148	25.0	100	21986
118.....	98	19.3	91	21110	107	20.6	97	21966	146	27.3	100	21731
LYNKS												
DS645.....	107	20.2	98	21951								
LX4488.....	92	20.6	97	21908	107	22.3	100	21990	147	27.2	100	22000
LX4533.....	81	19.1	99	22000	135	20.1	98	21996				
MCCURDY												
7700.....	90	18.6	97	21825								
8172.....	67	19.5	88	22000	113	22.8	98	21645				
NORTHROP KING CO.												
PX 9540.....	89	16.5	99	22000	104	19.1	99	21979	139	23.7	100	21858
PX 9581.....	94	18.6	92	22000					146	26.4	100	22000
PX 9584.....	74	18.5	98	21854	104	20.4	99	21960				
PX 9685.....	85	19.8	92	21391								
PAYCO												
SX 900.....	86	16.4	100	21537	125	18.1	99	21930				
SX 912.....	91	16.6	98	22000	124	20.2	97	22000				
SX 925.....	92	16.9	98	21333	135	19.0	99	21979	150	25.0	100	21992
PFISTER												
3800.....	73	17.9	99	22000								
3900.....	72	18.7	100	21697	122	20.6	97	21661	143	27.4	100	20757
4470.....	94	18.0	98	21896	129	19.6	97	22000				
SEDEX												
1160.....	87	16.1	97	21869								
1170.....	84	18.7	98	20188								
SEEDTEC												
ST-7625.....	89	17.0	97	22000								
SOLAR												
SO-4010.....	80	16.7	97	20913								
SO-4020.....	95	17.8	100	21956								
SO-5040.....	77	19.1	97	21987								
SPECIALTY GRAINS												
A7928.....	67	18.8	94	19759								
TW846.....	92	19.8	98	19908								
STEWART												
6973.....	89	19.2	96	20625								
7355.....	68	15.6	100	21980								
7356.....	95	18.0	96	21972								
7366.....	67	15.0	98	21831								
7367.....	92	17.8	94	21907								
77.....	83	17.9	96	21982								
STONE SEED FARMS												
SX35.....	97	16.7	96	21424								
SX434.....	89	19.4	99	21589								
TRISLER												
87-1.....	91	19.7	99	21937								
T-6850.....	77	18.6	99	21873								
UPHOFF												
644.....	77	18.1	96	22000	82	19.5	100	21958	119	25.4	100	18728
644A.....	90	17.0	100	20454	106	18.8	100	21962				
645.....	84	16.8	97	21972	116	19.4	99	21912	138	24.5	100	22000
645A.....	81	17.0	99	21164	124	18.6	100	21958				
670.....	82	20.7	100	21973	123	21.0	100	21969				
WATSON SEED FARMS												
W-407.....	81	17.5	99	21339								
W-427.....	84	17.0	98	19847								
W-436.....	86	18.7	99	21432								
AVERAGE.....	83	17.7	98	21654	113	19.6	98	21803	138	26.0	100	21823
L.S.D. 10% LEVEL.....	18	1.5	5	1159	22	1.3	3	801	13	1.5	***	723
L.S.D. 30 % LEVEL.....	11	.9	3	730	14	.8	2	505	8	.9	***	456
STD ERR OF CULTIVAR MEAN.	7	.6	2	496	9	.5	1	343	5	.6	0	310

DIXON SPRINGS (24,000 PLANTS PER ACRE AND 30-INCH ROW SPACING)

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
ASGROW/O'S GOLD												
2570.....	156	21.2	96	24000	148	19.4	100	21358	113	22.5	100	23639
RX905.....	145	21.4	94	24000								
CARGILL												
7990.....	130	19.4	83	24000								
8967.....	129	21.0	95	24000								
8990.....	136	24.5	95	24000								
971.....	121	21.1	96	24000	144	19.3	100	22863	91	25.3	99	23720
SX 352.....	139	20.2	97	23600	120	17.6	99	23627	157	20.8	99	22400
COKER												
8620.....	138	20.3	97	23600	137	18.1	100	24000				
8625.....	144	20.4	97	23333	148	19.6	100	24000				
CX 5059.....	144	21.4	99	23733								
DEKALB-PFIZER												
DK-636.....	133	20.7	98	23733	105	18.2	100	21856				
DK-656.....	142	20.1	99	23867	144	18.6	100	23165				
DK-711.....	132	22.8	98	24000								
GROWMARK												
FS 8475.....	144	22.8	96	23733	139	21.0	100	23397				
JACQUES												
8210.....	139	22.1	97	22533								
JADER												
116.....	142	21.0	97	24000	143	18.7	100	23673	160	21.1	100	24000
118.....	138	22.6	96	23200	152	20.8	99	23431	119	23.3	100	24000
LYNKS												
DS645.....	137	23.0	95	22800								
LX4355.....	137	20.4	97	23600	133	19.2	100	24000				
LX4406.....	137	20.1	93	24000	133	20.5	100	23045				
MCCURDY												
7700.....	115	20.8	99	22400								
8172.....	143	27.1	95	23467								
PAYCO												
SX 1005.....	143	22.1	87	23867	129	19.4	100	23552				
SX 912.....	139	22.2	96	24000	163	18.8	100	22624				
PFISTER												
3451.....	129	22.4	93	22667								
3900.....	131	21.0	95	22933								
PRINCETON												
SX820.....	136	20.3	94	24000								
SX830.....	131	21.5	98	22800	113	19.1	100	22409				
SX865.....	137	20.7	98	23200	131	20.6	100	23048				
SEEDTEC												
ST-7625.....	136	19.2	92	24000								
SUPER-CROST												
5995.....	134	21.7	96	22267								
EXP 87219.....	109	21.1	96	24000								
TRISLER												
87-2.....	130	24.5	99	22933								
T-5330.....	133	20.7	97	24000	131	18.6	100	23356				
T-5380.....	127	19.9	93	22667	103	20.6	100	23429				
T-6330.....	131	20.5	94	24000								
T-6850.....	141	21.9	96	24000								
T-7530.....	140	21.9	95	23600	138	19.6	100	23516				
ZIMMERMAN												
Z-14-W.....	168	26.9	97	24000	117	22.1	100	23376	151	24.8	99	23328
Z-16-W.....	144	27.3	100	23067								
Z-27.....	144	22.1	92	24000	135	21.2	100	23609	110	25.2	99	23068
Z-28.....	154	20.7	96	24000	139	20.9	100	23100	145	24.1	100	24000
Z-38.....	135	22.1	97	22933								
Z-45.....	129	22.7	99	23200								
Z-54-W.....	159	26.4	97	24000	156	22.1	96	23975	160	25.0	100	22792
Z-60-W.....	143	25.5	95	20667	144	22.5	100	24000	164	23.4	99	23997
AVERAGE.....	136	21.7	96	23429	129	19.8	100	23290	120	23.2	100	23322
L.S.D. 10% LEVEL.....	19	1.2	6	1708	29	1.3	1	1985	26	1.9	***	*****
L.S.D. 30% LEVEL.....	12	.8	4	1073	18	.8	1	1249	17	1.2	***	*****
STD ERR OF CULTIVAR MEAN.....	8	.5	3	727	12	.6	1	847	11	.8	1	760

DIXON SPRINGS (28,000 PLANTS PER ACRE AND 30-INCH ROW SPACING)

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
AGRATECH												
GK 850.....	115	22.3	94	27459	149	20.0	100	27299	153	22.6	99	25529
GK 925.....	151	22.7	96	26160	145	20.3	100	23528	113	26.8	99	26765
AGRIGENE												
AG 7970.....	149	22.3	98	26763								
ASGROW/O'S GOLD												
RX892.....	135	21.5	96	27933	145	20.7	100	28000	151	22.9	100	28000
CARGILL												
8990.....	156	23.8	92	26848								
971.....	155	19.8	98	26240	137	20.0	100	28000	96	23.5	100	26627
SX 352.....	115	19.0	95	26431	109	18.8	100	22478	127	21.4	100	25941
CROW'S												
482.....	145	17.8	95	24191								
488.....	154	18.8	95	26117	116	16.8	98	27014				
666.....	157	20.5	96	26469								
688.....	113	22.3	91	25716								
DEKALB-PFIZER												
DK-636.....	163	21.2	98	26657								
DK-656.....	139	20.9	95	27647								
DK-711.....	153	22.8	98	26883								
DUESTERHAUS												
D1140.....	152	20.6	94	27519								
EK PREMIUM												
EK7783.....	111	19.0	95	28000								
EK7786.....	130	19.1	99	26234								
EK7796.....	138	20.6	97	27402	114	19.7	100	24565	121	19.6	100	24980
EK7796B.....	137	20.9	94	27001								
EK7796C.....	149	20.5	95	26982	128	17.6	100	26936	130	19.8	100	25941
EK8805.....	132	20.4	99	26411	148	18.6	99	26681	169	20.1	98	25392
EK8805A.....	144	20.2	96	27851	130	17.7	100	27992	128	21.1	100	25392
EK9900.....	146	22.3	95	28000	143	19.5	100	26640	133	23.0	100	23471
EK9920.....	108	22.2	88	26117	126	19.4	100	25918	145	25.5	99	28000
EX806.....	133	19.2	94	27451								
GOLDEN ACRES												
T-E 6930.....	128	20.7	92	28000	91	18.9	100	25304				
T-E 6988.....	141	19.7	88	25174	145	17.4	100	26947				
T-E 6994.....	154	20.6	96	24466	130	19.7	100	23344	150	20.7	99	24706
T-E 6995-A.....	130	18.4	95	28000	125	18.7	100	24619	119	21.6	100	24569
T-EX 1151.....	157	19.8	97	28000								
GROWMARK												
FS 8475.....	132	22.2	94	25718								
JACQUES												
8210.....	153	21.0	96	26640								
LYNKS												
LX4355.....	144	19.9	95	25428	139	18.4	100	27950	119	21.6	100	26627
LX4406.....	128	20.8	90	27995	176	18.4	100	28000				
LX4488.....	124	23.0	99	26227	141	20.7	100	26947	130	23.3	100	26765
PAYCO												
SX 1005.....	150	22.5	96	27065	134	19.8	98	26180				
SX 925.....	133	20.8	100	27936	132	18.5	100	27431	127	20.1	99	24294
PFISTER												
3451.....	133	21.9	93	26948								
3900.....	163	22.1	96	24408								
PRINCETON												
SX820.....	134	19.9	97	24822	125	18.3	99	23835				
SX830.....	140	22.6	95	22834								
SX860.....	145	23.0	96	27460	127	21.5	100	26881	142	22.3	99	25941
SX865.....	151	20.8	94	24454								
STAUFFER SEEDS												
S 8645.....	141	22.2	100	27068								
SUPER-CROST												
5460.....	150	21.5	99	27805					116	21.3	100	26353
VINEYARD SEED CO.												
FC 550.....	127	20.0	97	27159								
FC 575.....	126	21.1	97	26898	137	20.3	100	23038	156	21.5	100	23882
V 58W.....	162	23.4	97	26588	134	22.2	100	27026				
WHISNAND												
73W.....	144	25.3	93	26494	159	21.8	100	26785	147	24.9	99	27176
80A.....	140	18.9	97	25764	129	18.3	100	24319	107	20.1	97	27176
82.....	178	20.7	97	26600	140	18.1	100	27074				
83.....	136	18.9	96	25514	111	18.4	100	26368	123	19.3	100	24980
84WC.....	146	21.5	96	26977								

DIXON SPRINGS (28,000), continued

BRAND HYBRID	1987 RESULTS				1986 RESULTS				1985 RESULTS			
	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE	YIELD BU/A	MOIST- URE %	%RECT PLANTS	PLANTS /ACRE
ZIMMERMAN												
Z-27.....	145	21.3	94	27894	136	18.5	100	27198	158	22.3	100	26078
Z-38.....	123	21.7	93	26950								
AVERAGE.....	141	21.0	95	26628	127	19.7	100	25869	126	21.9	99	25621
L.S.D. 10% LEVEL.....	20	1.3	5	2391	32	1.5	2	2769	28	1.1	2	*****
L.S.D. 30 % LEVEL.....	13	.8	3	1503	20	.9	1	1743	17	.7	1	*****
STD ERR OF CULTIVAR MEAN.	9	.5	2	1019	14	.6	1	1183	12	.5	1	1379

Urbana, Illinois

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